# THE COMPLETE BOOK OF PROFESSIONAL VIDEO ACCESSORIES

EISI

EDUCATIONAL INDUSTRIAL SALES, INC. 2225 GRANT ROAD, SUITE 3 LOS ALTOS, CALIFORNIA 94022 (415) 969-5212

\$5.00

COMPREHENSIVE VIDEO SUPPLY CORPORATION 1982-1983

1982-1983 EDITION

# THERE'S NO SINGLE BEST REASON FOR YOU TO COME TO COMPREHENSIVE FOR YOUR VIDEO ACCESSORIES. THERE ARE OVER 2,394 OF THEM.

Reasons #1 and 2. Quality and Value. There's not an awful lot of either one going around these days. You pull a stray thread and your jacket comes apart. You trip over a buckled sidewalk. Your new car stops dead on the expressway.

At Comprehensive, we're a little old-fashioned about quality and value, even though we sell plenty of new-fashioned things. We know how important a \$1.16 part can be to a production costing thousands of dollars a day. So we make it a big point to sell the best and only the best. And we warranty what we sell.

Our QUARTZ BEAM™ lights are a case in point. With them, you can do lighting of professional calibre. Yet they're priced lower than lights of comparable quality.

So quality and value are your first two reasons to come to Comprehensive.

Reasons #3-41. Service. When you come to Comprehensive, you're backed by 39 people whose only business is to serve video professionals.

Just like you, these people are professionals too. In shipping, warehousing, data processing, customer service, and in fulfilling your needs. The fact is nobody

else has anywhere near this kind of experience in serving you.

The reason we pay a lot of attention to service is simple. What's good for you is also good for us.

Now you have a total of 41 good reasons to come to Comprehensive.

Reason # 42. Convenience.

Your Comprehensive dealer is constantly updated with new product information, and with new information about existing products. He can help you not only with products he has in stock, but with

an array of products he can order by telephone

hotline. He can order all items from Comprehensive individually, and many in kits for even greater convenience and value.

The same telephone hotline your Comprehensive dealer uses for orders can also be used to give you more information. That kind of convenience gives you 42 good reasons to come to Comprehensive.

Reasons #43-794. Dealers from Stockholm to Manila. Somewhere

the sun is always shining on a Comprehensive Dealer. There are hundreds of reputable Comprehensive Dealers in the U.S. and Canada alone. and dozens more scattered all around the world, for a total of 752.

Now you have a total of

794 good reasons to come to Comprehensive.

Reasons #795-2394. The biggest in-stock selection in the business by far. Comprehensive offers you over 1,600 individual items in stock on our shelves. That doesn't even count the vast supply we have of each item, backed by our computerized inventoryreplenishment system. What's more, as the leader

in the field, we're the first to offer new products to meet the expanding needs of our huge customer base, and we constantly update you and seek your opinions on the kinds of products that best suit you.

For example, do you want video or audio cables? Choose

from 104 combinations and more than a million feet of cable in stock. Want a wide choice of mics and ac-

cessories, tripods and dollies, video furniture, carrying cases, studio supplies, production aids, maintenance supplies, test equipment? You name it, Comprehensive has plenty of choices. But alas, we've got only one type of single-end spring hook for VCRs. Because there is only one type.

Add 'em all up, and you have 2.394 excellent reasons to come to

Comprehensive Video Supply Corporation, your largest in-stock source for the whole range of video supplies and accessories.

Can you think of anyone else who can honestly say





### **CONTENTS**

THE COMPLETE BOOK OF PROFESSIONAL VIDEO ACCESSORIES represents our commitment to you—today's video user. To provide the QUALITY, SERVICE, CONVENIENCE AND VALUE you expect.

From the beginning, we at Comprehensive recognized the benefits of making all types of video supplies and accessories *accessible—from one convenient source*. Today, we're known and respected throughout the world for fulfilling that promise.

You'll find THE COMPLETE BOOK OF PROFESSIONAL VIDEO ACCESSORIES has much more: Over 400 exciting new products. A totally new format for easier, more direct accessing of information. And a convenient product index. All reflecting our continuing commitment to serve you—today and in the years to come.

Comprehensive Video Supply Corporation

Video Adapters and Connectors
Audio Adapters and Connectors
Video Cables
Audio Cables
Multi-Pin Cable Assemblies20
Bulk Cable and Accessories22
Breakout Boxes and Adapters 28
RF Distribution and Hook-up
Tools and Hardware
Video Maintenance Supplies
DC Power Supplies46
AC Power Supplies51
Shipping and Carrying Cases54
Camera Positioning Equipment and Tripods 60 $$
Video on Wheels68
Equipment and Personnel Lifts
Video Furniture72
Studio Supplies
Production Supplies94
Video Organizers
Videotape and Accessories
Lighting and Accessories110
Microphones and Accessories123
Audio Accessories
Intercom Systems
Lenses and Accessories
Camera Tubes
Video Electronics
Test Charts
Test Equipment
Timers
VCR Dust Covers
Books
Index 162

# **IDEO ADAPTERS**

# Tee, Barrel, Right Angle and Push-On Adapters



BNC Jack, Plug, Jack (T)

8 00	8.09	7.19	
1-4	5-49	50 +	



### BT-J

BNC Jack, Jack, Jack (T)

7.49	6.74	5.99
1-4	5-49	50+



### B-BL

BNC Jack to Jack (Barrel)

4.99	4.49	3.99
1-4	5-49	50 +



### BP-BL

BNC Plug to Plug (Barrel)

1-4	5-49	50 +
7.99	7.19	6.39



### BJ-BP-L

BNC Jack to Plug (Right Angle)

8.99	8.09	7.19
1-4	5-49	50 +





### UT

UHF Jack, Plug, Jack (T)

4.99	4.49	3.99
1-4	5-49	50 +



### UJ-UP

UHF Jack to Plug (Push-on)

1-4	5-49	50 +
3.99	3.59	3.19



### U-BL

UHF Jack to Jack (Barrel)

1 79	1.59	
5-49	50 +	
	5-49 <b>1.79</b>	4 70 4 50



### UJ-UP-L

UHF Jack to Plug (Right Angle)

1-4	5-49	50 +
4.99	4.49	3.99





### F-BL

"F" Jack to Jack (Barrel)

1-4	5-49	50 +	
1.59	1.43	1.27	



### FJ-FP

"F" Jack to Plug (Push-On)

1-4	5-49	50 +
2.79	2.51	2.23



### FJ-FP-L

"F" Jack to Plug (Right Angle Push-On)

2.99	2.69	2.39	
1-4	5-49	50 +	



# Phono (Video)

PT Phono Jack, Plug, Jack (T)

2.99	2.69	2.39
1-4	5-49	50 +





### PT-J

Phono Jack, Jack, Jack (T)

2 99	2.69	2.39	
1-4	5-49	50 +	



### PJ-BL

Phono Jack to Jack (Barrel)

1-4	5-49	50 +	
1.79	1.61	1.43	

### Between Series: BNC, UHF, "F" and Phono (Video)



### BP-UJ

BNC Plug to UHF Jack

5.59	5.03	4.47
1-4	5-49	50+



### **BJ-UP**

BNC Jack to UHF Plug

1-4	5-49	50 +	
4.99	4.49	3.99	



### FP-BJ

"F" Plug to BNC Jack

1-4	5-49	50 +
4.59	4.13	3.67



### FP-UJ

"F" Plug to UHF Jack

1-4	5-49	50 +	
4.59	4.13	3.67	



### FJ-BP

"F" Jack to BNC Plug

5.59	5.03	4.47	
1-4	5-49	50 +	



### FJ-UP

"F" Jack to UHF Plug

1-4	5-49	50 +
4.59	4.13	3.67



### FJ-MP

"F" Jack to Mini Plug

1-4	5-49	50 +
4.29	3.86	3.43



### MP-UJ

Mini Plug to UHF Jack

1-4	5-49	50 +
2.99	2.69	2.39



### PP-BJ

Phono Plug to BNC Jack

1-4	5-49	50 +
4.59	4.13	3.67



### PP-UJ

Phono Plug to UHF Jack

1-4	5-49	50 +
2.29	2.06	1.83



### PP-FJ

Phono Plug to "F" Jack

1-4	5-49	50 +
4.29	3.86	3.43



### PJ-BP

Phono Jack to BNC Plug

1-4	5-49	50 +
5.29	4.76	4.23



### PJ-UP

Phono Jack to UHF Plug

_	1-4	5-49	50 +
	4.29	3.86	3.43



### PJ-FP

Phono Jack to "F" Plug

1-4	5-49	50 +
4.29	3.86	3.43

# 75 Ohm Coax Cable Connectors-BNC, UHF, "F" and Phono

BNC



### BP

BNC Plug for RG 59/U Cable, Solder

3.99	3 59	3.19
1-4	5-49	50 +



### BP-C\*

BNC Plug for RG 59/U Cable, Crimp (use CT-BU Crimp Tool)

3.59	3.23	2.87	
1-4	5-49	50 +	
Chillip 10	01)		



### BP-E

BNC Plug for RG 59/U Cable, Fast-Fit

1-4	5-49	50 +
4.49	4.04	3.59



### BP-C-8281

BNC Plug for 8281 Cable, Crimp (use Kings Crimp Tool)

5.49	4.94	4.39	
1-4	5-49	50 +	
Chillip 10	01)		



### BP-E-8281

BNC Plug for 8281 Cable, Fast-Fit

1-4	5-49	50 +	
5.49	4.94	4.39	



### **BJ-CM**

BNC Jack, Chassis Mount

1-4	5-49	50 +
1.99	1.79	1.59



### **B-BLCM**

BNC Jack to Jack (Barrel), Chassis Mount

1-4	5-49	50 +
7 19	6.47	5.75



### B-TM

BNC 75 Ohm Terminator

1-4	5-49	50 +
6.49	5.84	5.19





### UP

UHF Plug and Adapter for RG 59/U Cable, Solder

	2.29	2.06	1.83	
į	1-4	5-49	50 +	



### UP-C\*

UHF Plug for RG 59/U Cable, Crimp (use CT-BU Crimp Tool)

1-4	5-49	50 +
1.79	1.61	1.43



### UP-E

UHF Plug for RG 59/U Cable, Fast-Fit

1-4	5-49	50 +
2.99	2.69	2.39



### NEW

# NAS V

### **UP-8281**

UHF Plug and Adapter for 8281 Cable, Solder

2 00	5-49		_
2.99	2.69	2.39	



### UP-E-8281

UHF Plug for 8281 Cable, Fast-Fit

_	3.49	3.14	2.79
	1-4	5-49	50 +



### **UJ-CM**

UHF Jack, Chassis Mount

1-4	5-49	50 +	
3.39	3.05	2.71	



### **U-BLCM**

UHF Jack to Jack (Barrel), Chassis Mount

1-4	5-49	50 +	
4.49	4.04	3.59	



### U-TM

UHF 75 Ohm Terminator

1-4	5-49	50 +	
4.59	4.13	3.67	



\* NOTE: See page 14 for Crimp Connector Kits and Tools.



### FP\*

"F" Plug for RG 59/U Cable, Crimp (use CT-F Crimp Tool)

1-4	5-49	50 +
.49	.44	.39



### FP-E

"F" Push-on Plug for RG 59/U Cable, Fast-Fit

1-4	5-49	50 +
.99	.89	.79



### FP-ES

"F" Plug for RG 59/U Cable, Fast-Fit

1-4	5-49	50 +
1.49	1.34	1.19



### FJ-CM

"F" Jack, Chassis Mount

 1.09	98	87	
1-4	5-49	50+	



### F-BLCM

"F" Jack to Jack (Barrel) Chassis Mount

1.79	1.61	1.43
1-4	5-49	50+



### F-TM

"F" 75 Ohm Terminator

1-4	5-49	50 +
1.99	1.79	1.59

Phono (Video)



PP-V

Phono Plug for RG 59/U Cable, Solder

 1 20	1.16	1.03
1-4	5-49	50+



### PP-C\*

Phono Plug for RG 59/U Cable, Crimp (use CT-BU Crimp Tool)

1-4	5-49	50 +
.89	.80	.71



### PJ-CM

Phono Jack. Chassis Mount

1-4	5-49	50 +
.69	.62	.55



### P-BLCM

Phono Jack to Jack (Barrel), Chassis Mount

1-4	5-49	50 +
2.29	2.06	1.83



### P-TM

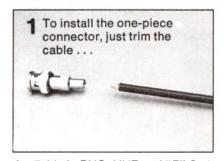
Phono 75 Ohm Terminator

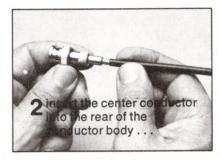
- 2	2.29	2.06	1.83
1	-4	5-49	50 +

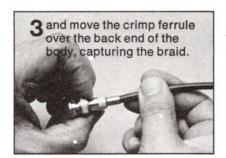
\* NOTE: See page 14 for Crimp Connector Kits and Tools.

### = Fast-Fit Emergency Connectors

Panic is no longer necessary when a video connector breaks off. Comprehensive's Emergency Video Connectors require no solder or crimp tool. They go on as easy as "1, 2, 3".







Available in BNC, UHF and "F" Styles for RG 59/U and 8281 Cable



# **EIAJ Rectangular Connectors\***

### Monitor and VCR Connectors =



### E8P

8 pin Plug, Cable End

1-4	5-49	50 +
6.99	6.29	5.59



### E8J

8 pin jack, Cable End

6.99	6.29	5.59	
1-4	5-49	50 +	



### E8JCM

8 pin Jack, Chassis Mount

1-4	5-49	50 +	
2.99	2.69	2.39	



### E8PCM

8 pin Plug, Chassis Mount

2.99	2.69	2.39
1-4	5-49	50+

### VCR and Editor Remote Control Connectors









### **E20P**

20 pin Plug, Cable End

1-4 5-49 50+ 13.29 11.96 10.63

### E20JCM

20 pin Jack, Chassis Mount

1-4	5-49	50 +
4.99	4.49	3.99

### **E20J**

20 pin Jack, Cable End

1-4	5-49	50 +
13.49	12.14	10.79

### E20PCM

20 pin Plug, Chassis Mount

1-4	5-49	50 +
4.79	4.31	3.83

### E33P\*

33 pin Plug, Cable End

1-4 5-49 50+ **19.99 17.99 15.99** 

### **E33JCM**\*

33 pin Jack, Chassis Mount

1-4	5-49	505+
15.99	14.39	12.79

### E33J\*

33 pin Jack, Cable End

1-4	5-49	50 +
19.99	17.99	15.99

### E33PCM\*

33 pin Plug, Chassis Mount

1-4	5-49	50+
15.99	14.39	12.79

### **E34P**

34 pin Plug, Cable End

1-4 5-49 50+ **16.29 14.66 13.03** 

### E34JCM

34 pin Jack, Chassis Mount

1 1	E 40	50 ±
1-4	5-49	50 +
0.00	0.00	E EO
6.99	6.29	5.59

### E34J

34 pin Jack, Cable End

1-4	5-49	50 +
16.49	14.84	13.19

### E34PCM

34 pin Plug, Chassis Mount

01100010		
1-4	5-49	50+
5.99	5.39	4.79

### **E45P**

45 pin Plug, Cable End

1-4 5-49 50 + **16.79 15.11 13.43** 

### E45JCM

45 pin Jack, Chassis Mount

01100000111100111			
1-4	5-49	50 +	
7.49	6.74	5.99	

### **E45J**

45 pin Jack, Cable End

1-4	5-49	50 +
16.99	15.29	13.59

### E45PCM

45 pin Plug, Chassis Mount

0110001			
1-4	5-49	50 +	
7.29	6.56	5.83	

\*NOTE: Plug and Jack cable end connectors mate only with corresponding chassis connector.



EX-33J 33 Pin Shell Extension Cable End \$25.99

### **EIAJ and DIN Round Connectors**

### Camera Connectors



### **E10P**

10 pin Plug, Cable End

1-4 5-49 50+

15.99 14.39 12.79



### E10J

10 pin Jack, Cable End

1-4 5-49 50+

14.99 13.49 11.99



### E10JCM

10 pin Jack, Chassis Mount

> 1-4 5-49 50+ 9.99 8.99 7.99



### E10PCM

10 pin Plug, Chassis Mount

1-4 5-49 50+

14.99 13.49 11.99



### H<sub>10</sub>P

10 pin Plug Push-On, Cable (Hitachi) End

1-4 5-49 50+

15.99 14.39 12.79



### H<sub>10</sub>J

10 pin Jack Push-On, Cable End (Hitachi)

1-4 5-49 50+

14.99 13.49 11.99



### **E12P**

12 pin Plug, Cable End (JVC)

1-4 5-49 50+

18.99 17.09 15.19



### **E12J**

12 pin Jack, Cable End (JVC)

1-4 5-49 50+

16.99 15.29 13.59



### E12JCM

12 pin Jack, Chassis Mount (JVC)

> 1-4 5-49 50 + 10.29 9.26 8.23



### **B14P**

14 pin Plug, Cable End -Crimp Contacts (Beta)

1-4 5-49 50+

13.99 12.59 11.19



### **B14J**

14 pin Jack, Cable End -Crimp Contacts (Beta)

1-4 5-49 50+

13.99 12.59 11.19



### B14JCM

14 pin Jack, Chassis Mount (Beta)

> 1-4 5-49 50 + 7.99 7.19 6.39



### E14P\*

14 pin plug Cable End

1-4 5-49 50+

36.00 32.40 28.80



### E14J\*

14 pin Jack, Cable End

1-4 5-49 50+

36.00 32.40 28.80



### E14JCM

14 pin Jack, Chassis Mount

1-4 5-49 50+

22.00 19.80 17.60



### E14PCM

14 pin Plug, Chassis Mount

1-4 5-49 50+

22.00 19.80 17.60

\*NOTE: Plug and Jack cable end connectors mate only with corresponding chassis connector.



### Camera Connectors



### D<sub>6</sub>P

6 pin Plug, Cable End (B&W Cameras)

1-4	5-49	50+
6.79	6 11	5.43



6 pin Jack, Chassis Mount (B&W Cameras)

1-4	5-49	50+
3.49	3.14	2.79



### D8J

8 pin Jack, Cable End (Hitachi, NEC)

3.59	3.23	2.87
1-4	5-49	50 +



Remote Control Connectors =

### D7P-SL

7 pin Plug, Cable End (Akai)

1-4	5-49	50 +
7.59	6.83	6.07



### D<sub>6</sub>J

6 pin Jack, Cable End (B&W Cameras)

1-4	5-49	50 +
3.29	2.96	2.63



### D8P

8 pin Plug, Cable End (Hitachi, NEC)

4.59	4.13	3.67	
1-4	5-49	50 +	



### D8JCM

8 pin Jack, Chassis Mount (Hitachi, NEC)

1-4	5-49	50 +
1.79	1.61	1.43



1-4	5-49	50 +	
7.59	6.83	6.07	

### D8J-R

8 pin Jack, Cable End

1-4	5-49	50 +	
3.79	3.41	3.03	



### **D10P**

10 pin Plug, Cable End

D8P-R

8 pin Plug,

Cable End 1-4

3.99

5-49

8.50 7.65 6.80

5-49

3.59

50+

3.19

50 +



### MP-R

Extended Mini Plug Cable End

> 1-4 5-49 50 +.99 .89 .79

CAME	RA CON	INECTO	KKEFE	RENCE	CHARI

Connector	6-pin Din	7-pin Din Snaplock		10-pin EIAJ	10-pin EIAJ- Push-on	12-pin EIAJ	14-pin Plastic	14-pin EIAJ
Model No.	D6P	D7P-SL	D8P	E10P(Sony "J" type)	H10P	E12P	B14P (Sony "K" type)	E14P (Sony "Q" type)
Applications	Industrial B&W Studio Cameras (GBC, JVC, Panasonic, Sony)	Akai Portable Cameras	Hitachi GP-5 and NEC VCI-2100 Cameras	Industrial Cameras. Consumer Cameras designed for VHS VCRs. (JVC, Magnavox, Panasonic, Quasar, RCA, Sony AVC 3400/3450, DXC 1600/1610)		JVC G-71 Series Cameras	Consumer Cameras designed for Beta VCRs (Sanyo, Sears, Sony, Toshiba and Zenith)	Broadcast and Industrial ENG Cameras (JVC KY Series and Sony DXC 1640/1800)

### **DC Power Connectors**



### D<sub>4</sub>P

4 pin Plug, Cable End

5.70	5.21	4.63	
1-4	5-49	50 +	



### D4JCM

4 pin Jack, Chassis Mount

1-4	5-49	50 +
2.79	2.51	2.23



### DCP

Direct Current Plug 2.5 mm (Sony)

1-4	5-49	50 +
.99	.89	.79



### RM12BPG-3P

3 pin Plug, Cable End

1-4	5-49	50 +
11.99	10.79	9.59



### EW RM12BPG-4P

4 pin Plug, Cable End

11.99	10.79	9.59
1-4	5-49	50 +



### XLRP-4

4 pin XLR Plug, Cable End

6 20	5.66	5.03
1-4	5-49	50 +



### XLRP-5

5 pin XLR Plug, Cable End

1-4	5-49	50 +
9 99	8 99	7.99



### DCP-12

12 pin Plug, Cable End (Sony)

1-4	5-49	50 +	
9.50	8.55	7.60	



### D4J

4 pin Jack, Cable End

2 00	2 60	2 20	
1-4	5-49	50 +	



### D8P-SL

8 pin Plug, Cable End (JVC)

1-4 5-49 50+	11.99	10.79	9.59	
	1-4	5-49	50 +	





Direct Current Plug 3mm (JVC, Panasonic)

_	1-4	5-49	50 +



### RM12BPG-3S

3 pin Jack, Cable End

1-4	5-49	50 +
11.99	10.79	9.59



### RM12BPG-4S

4 pin Jack, Cable End

1-4	5-49	50 <sup>\$</sup>	
11.99	10.79	9.59	



### XLRJ-4

4 pin XLR Jack, Cable End

1-4	5-49	50 +
8.29	7.46	6.63



### NEW XLRJ-5

5 pin XLR Jack, Cable End

11.99	10.79	9.59	
1-4	5-49	50 +	



# **AUDIO ADAPTERS**

### Mini (3.5mm), Phono (RCA), Standard Phone (1/4 in.)



### MP-PJ

Mini Plug to Phono Jack

1-4	5-49	50 +	
1.79	1.61	1.43	



### MP-SPJ

Mini Plug to Standard Phone Jack

1.79	1.61	1.43	
1-4	5-49	50+	



### MJ-BL

Mini Jack to Jack (Barrel)

1.79	1.61	1.43	
1-4	5-49	50 +	



### PP-MJ

Phono Plug to Mini Jack

1.79	9 1.61	1.43
1-4	5-49	50+



### PP-SPJ

Phono Plug to Standard Phone Jack

 1-4	5-49	50 +	
1.79	1.61	1.43	



### PJ-BL

Phono Jack to Jack (Barrel)

1-4	5-49	50 +
1.79	1.61	1.43



### SPP-MJ

Standard Phone Plug to Mini Jack

1-4	5-49	50 +
1.79	1.61	1.43



### SPP-PJ

Standard Phone Plug to Phono Jack

1-4	5-49	50 +
1.79	1.61	1.43



### SPJ-BL

to Jack (Barrel)

1-4	5-49	50 +
1.79	1.61	1.43

Standard Phone Jack

1-4	5-49	50 +
1.79	1.61	1.43

### **APPLICATION NOTES:**

Adapters: Cure for the uncommon connector.

Video is a prime example of non-standardization in the electronics industry. There are often as many as 10 different video, audio, RF, remote, and power inputs and outputs on a VCR or monitor, each requiring different connectors.

### **SUGGESTIONS:**

Inventory your video equipment and note the connectors used for video and audio on each VCR and monitor. Also, take an inventory of your video and audio cables. Make certain that all possible equipment connections can be made.

If you find that your existing cables do not allow the necessary equipment interconnections, a selection of adapters (both audio and video) will easily and economically allow full interface. This also eliminates the need for specific cables for special hook-ups.

You never know when a cable you don't have is going to be needed. Renting, borrowing, or interfacing with someone else's equipment will undoubtedly require an adapter.

To cover any connector mismatch, see our Audio and Video Adapter Kits on page 13.



### PP-XLRP\*

Phono Plug to XLR Plug

> 5-49 1-4 50 +9.99 8.99 7.99



### SPP-XLRP\*

Standard Phone Plug to XLR Plug

> 1-4 5-49 50+ 14.99 13.49 11.99



### XLRP-PJ\*

XLR Plug to Phono Jack

1-4 5-49 50 +9.99 8.99 7.99



### XLRP-SPJ\*

XLR Plug to Standard Phone Jack

1-4 5-49 50+

14.59 13.13 11.67



### XLRP-BL

XLR Plug to Plug (Barrel)

1-4 5-49 50+

14.99 13.49 11.99



### **XLR Cannon Type**

### PP-XLRJ\*

Phono Plug to XLR Jack

> 1-4 5-49 50 +10.99 9.89 8.79



### SPP-XLRJ\*

Standard Phone Plug to XLR Jack

> 5-49 50 +1-4

> 16.59 14.93 13.27



### XLRJ-PJ\*

XLR Jack to Phono Jack

1-4 5-49 50 +

10.99 9.89 8.79



### XLRJ-SPJ\*

XLR Jack to Standard Phone Jack

> 5-49 1-4 50 +

> 16.99 15.29 13.59



### XLRJ-BL

XLR Jack to Jack

5-49 50 +1 - 4

17.59 15.83 14.07

\* NOTE: Assembly required

### CONNECTORS USED IN VIDEO EQUIPMENT

CONNECTORS	BNC	"F" (F-59 for RG/59 Cable)	Mini (3.5mm)	Phono (RCA)	Standard Phone (1/4 in.)	UHF (PL-259)	XLR (Cannon)
VIDEO	Broadcast Industrial Carneras, Recorders, Monitors and Support Equipment			Consumer VCRs, Home Video Accessories		Industrial and CCTV Cameras, Recorders and Monitors	
AUDIO			Industrial/Consumer Microphones, VCR Mike and Line Audio	Industrial/Consumer VCR and Monitor Line Audio	industrial/Consumer Microphones, Industrial VCR and Mixer, Mike and Line Audio		Broadcast/Industrial Microphones, VCR and Mixer, Mike and Line Audio
RF		TV Receiver/Monitor VCRs, MATV Distrbutor Systems and Cable TV	Consumer TV Receiver /Monitor	Video Games and Home Computers			

# CONNECTORS

Mini (3.5mm) =



### MP

Mini Plug, Cable End

1-4	5-49	50 +	
.89	.80	.71	



### MJ

Mini Jack, Cable End

_	1-4	5-49	50+	_
	.89	.80	.71	



### MJ-CM

Mini Jack. Chassis Mount

1-4	5-49	50 +	
.69	.62	.55	

### Phono (RCA):



Phono Plug, Cable End

_	69	62	50 +	
	.09	.02	.55	



### PJ

Phono Jack, Cable End

.69	.62	.55	
1-4	5-49	50 +	



### PJ-CM

Phono Jack, Chassis Mount

.69	.62	.55	
1-4	5-49	50 +	



### P-BLCM

Phono Jack to Jack (Barrel) Chassis Mount

 1-4	5-49	50 +
2.29	2.06	1.83

### Standard Phone (1/4 in.):

### SPP



Standard Phone Plug, Cable End

1-4	5-49	50 +	
1.29	1.16	1.03	



### SPJ

Standard Phone Jack,

1-4	5-49	50 +	
1.29	1.16	1.03	



### SPJ-CM

Standard Phone Jack, Chassis Mount

.89	.80	.71	
1-4	5-49	50+	
	1-4 . <b>89</b>	1-4 5-49 .89 .80	1-4 5-45 50+



Cable End

1-4	5-49	50 +	
1.29	1.16	1.03	

# XLR (3 Pin Cannon Type) =

### **XLRP**

XLR Plug, Cable End

> 1 - 45-49 50 +

4.99 4.49 3.99



### **XLRJ**

XLR Jack, Cable End

1-4 5-49 50+	



### XLRJ-CM

XLR Jack, Chassis Mount

> 5-49 50 +1-4 6.99 6.29 5.59



### XLRP-CM

XLR Plug, Chassis Mount

1-4	5-49	50 +
3.99	3.59	3.19



# ADAPTER AND CONNECTOR KITS

# You'll Never Be At Loose Ends... With Our Anything-to-Anything Adapter and Connector Kits

Ideal "starter" kits for any video facility-be it a studio, postproduction facility, mobile van, technician's bench or video ditty bag.

The permanent storage box displays each adapter or connector clearly in its own compartment for ready access and quick stock check.

### = Video Adapter Kit

VDAP-1

\$99.00

### Contents:

BNC Jack, Plug, Jack (T) BNC Jack, Jack, Jack (T) 2 BT BT-J BNC Jack to Jack (Barrel) B-BL BP-BL BNC Plug to Plug (Barrel) BJ-BP-L BNC Jack to Plug (Right Angle) UHF Jack, Plug, Jack (T) 1 UT UHF Jack to Jack (Barrel) U-BL "F" Jack to Jack (Barrel) F-BL PJ-BL Phono Jack to Jack (Barrel) 3 BP-UJ BNC Plug to UHF Jack BNC Jack to UHF Plug 3 BJ-UP

Adapt and interface with Video Connectors-includes 75 ohm terminators FP-BJ "F" Plug to BNC Jack "F" Jack to BNC Plug FJ-BP "F" Jack to Mini Plug FJ-MP PP-BJ Phono Plug to BNC Jack PP-UJ Phono Plug to UHF Jack PP-FJ Phono Plug to "F" Jack PJ-BP Phono Jack to BNC plug PJ-UP Phono Jack to UHF Plug PJ-FP Phono Jack to "F" Plug 2 B-TM BNC 75 ohm Terminator 1 U-TM UHF 75 ohm Terminator "F" 75 ohm Terminator 1 F-TM



### Audio Adapter Kit

Adapt and interface with Audio Connectors

### Contents:

3 MP-PJ Mini Plug to Phono Jack 3 MP-SPJ Mini Plug to Standard Phone 2 MJ-BL Mini Jack to Jack (Barrel) PP-MJ Phono Plug to Mini Jack 2 PP-SPJ Phono Plug to Standard Phone Jack 3 PJ-BL Phono Jack to Jack (Barrel) Standard Phone Plug to Mini 2 SPP-MJ

2 SPP-PJ Standard Phone Plug to Phono Jack 2 SPJ-BL Standard Phone Jack to Jack (Barrel)

PP-XLRJ SPP-XLRJ XLRP-PJ

Phono Plug to XLR Jack Standard Phone Plug to XLR XLR Plug to Phono Jack XLR Plug to Standard Phone

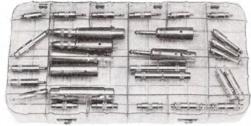
XLRP-SPJ XLRP-BL

XLR Plug to Plug (Barrel) XLRJ-BL XLR Jack to Jack (Barrel)



ADAP-1 \$99.00

AVCON-3 \$109.00



### =Audio and Video Connector Kit

Repair cables or equipment and fabricate custom cables

### Contents:

### Video Connectors

2 BP BNC Plug, Solder type 4 BP-E BNC Plug, Fast-Fit BJ-CM BNC Jack, Chassis Mount 2 UP UHF Plug, Solder type 2 UP-E UHF Plug, Fast-Fit UJ-CM UHF Jack, Chassis Mount "F" Plug, Crimp 4 FP 4 FP-E "F" Plug, Fast-Fit "F" Jack, Chassis Mount FJ-CM 2 PP-V Phono Plug (Video) E8P EIAJ 8 pin Plug EIAJ 8 pin Jack, Chassis E8JCM Mount 1 E10P EIAJ 10 pin Plug 1 E10J EIAJ 10 pin Jack 1 E10JCM EIAJ 10 pin Jack, Chassis Mount DIN 4 pin Plug 1 D4P 1 D4JCM DIN 4 pin Jack, Chassis

Mount

### **Audio Connectors**

XLRP-CM

Mini (3.5mm) Plug 4 MP 2 MJ 2 MJ-CM Mini Jack Mini Jack, Chassis Mount PP Phono Plug 2 PJ Phono Jack PJ-CM Phono Jack, Chassis Mount Standard Phone Plug SPP 4 SPJ 2 Standard Phone Jack SPJ-CM Standard Phone Jack, Chassis Mount XLRP XLR Plua XLRJ XLR Jack XLRJ-CM XLR Jack, Chassis Mount

XLR Plug. Chassis Mount



# ADAPTER AND CONNECTOR KITS

### Video Crimp Connector Kits \_\_\_\_

**Problem:** You need a quantity of video cables in lengths not available in an off-the-shelf molded cable line, and so you have to make them yourself.

**Solution:** Comprehensive's Video Crimp Connector Kits combine all the connectors and tooling needed to make custom cables in a convenient kit with detailed instructions and a handy permanent storage box.

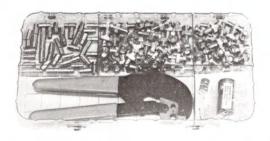
### **BNC CRIMP CONNECTOR KIT**

Contents:

50 BP-C BNC plug for RG59/U cable

1 CT-BU Crimp tool 1 UT-5902 Cable stripper

BCK-2 \$189.00



### **UHF CRIMP CONNECTOR KIT**

Contents:

50 UP-C UHF plug and adapter for RG59/U cable

1 CT-BU Crimp tool

1 UT-5903 UCK-2 \$129.00 Cable stripper



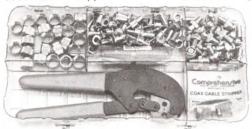
### BNC AND UHF CRIMP CONNECTOR KIT

Contents:

BNC plug for RG59/U cable 25 BP-C 25 UP-C UHF plug for RG59/U cable

CT-BU Crimp tool 1 UT-5903 Cable stripper 1 UT-5902 Cable stripper

BUCK-2 \$179.00



### PHONO (Video) CRIMP CONNECTOR KIT

Contents:

50 PP-C Phono Plug for RG59/U Cable, Crimp

1 CT-BU Crimp tool

1 UT-5903 PCK-1 \$99.00 Cable stripper

HEW

HEW



### "F" CRIMP CONNECTOR KIT

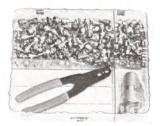
Contents:

100 FP "F" Plug for RG59/U Cable with Crimp Ring

1 CT-F Crimp tool for FP

1 UT-5900 Cable stripper

FCK-1 \$59.95



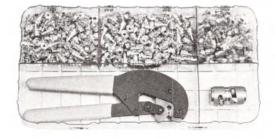
### **DELUXE "F" CRIMP CONNECTOR KIT**

Contents:

"F" Plug for RG59/U Cable with Crimp Ring Heavy Duty Crimp tool for FP 200 FP

1 CT-F2

1 UT-5900 Cable stripper FCK-2 \$129.00





### BP-C

BNC Plug for RG 59/U Cable, Crimp

1-4 5-49 50 +

3.59 3.23 2.87



### UP-C

UHF Plugfor RG 59/U Cable, Crimp

5-49 50 +

1.79 1.61 1.43



### PP-C HEW

Phono Plug for RG 59/U Cable, Crimp

1-4 5-49 50+	.89	.80	.71
	1-4	5-49	50+



### **FP**

"F" Plug for RG59/U Cable with Crimp Ring

> 5-49 50 +1 - 4

> > .49 .44

### Crimp Tools

.39



### Model No. CT-F2\* CT-BU CT-F

CT-33 **CE-33** 

\* Not shown

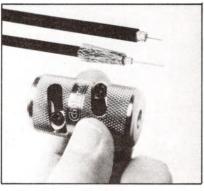
### Description

Heavy Duty Hex Crimp Tool for FP Crimp Tool for BNC, UHF and Phono Connectors Crimp Tool for FP

Crimp Tool for 33 pin connectors Pin extractor for 33 pin connectors

**Price** \$39.95 49.95

9.95 199.00 29.99

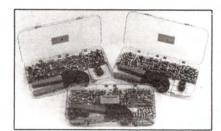


### Coax Cable Strippers

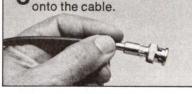
Strips RG59/U Cable

UT 5900 for "F" \$14.95 UT 5902 for BNC 14.95 UT 5903 for UHF 15.95

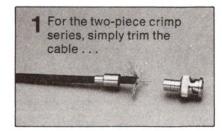
CB-60 Replacement Blades (pkg of 2) \$3.99



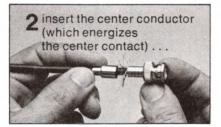
### 3 and twist the connector onto the cable.

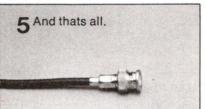


### The procedure is quite simple:









# **CABLES**

Now available in 11/2 ft. & 50 ft. lengths

5.99

6.29

7.99

10.99

16.99

5.39

5.66

7.19

9.89

15.29

4.79

5.03

6.39

8.79

13.59

### Molded Video Cables-Flexible Coax ====

Comprehensive has developed a professional range of molded video cables of unequalled quality.

- Stranded center conductor allows RG59/U cable to flex continuously in all directions without damage to the center conductor. (Constant flexing has long been one of the chief causes of cable failure.)
- Superior strain relief capability. Connector will not weaken under repeated use and stress.
- Molded cable ends are color coded by length—a great convenience when you need a specific cable in a hurry: Red 11/2'-White 3'-Gray 10'-Black 25'-Brown 50'
- Highest-quality fittings and 75 ohm video cable are employed.
- Available in a wide range of configurations.

"F" Plug to Plug- Push-on

11/2 ft. FF-C-1.5

10 ft. FF-C-10

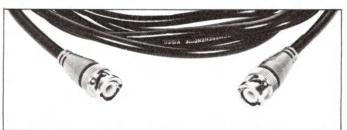
25 ft. FF-C-25

50 ft. FF-C-50

3 ft.

FF-C-3

### Our molded cables will help make your video operations smooth and trouble free.



BNC	Plug to Plug	1-4	5-49	50+
11/2 ft.	BB-C-1.5	9.99	8.99	7.99
3 ft.	BB-C-3	10.29	9.26	8.23
10 ft.	BB-C-10	12.99	11.69	10.39
25 ft.	BB-C-25	15.99	14.39	12.79
50 ft.	BB-C-50	21.99	19.79	17.59





"F"	to "F" Right	Angle Push-On
	FF-CR-3	
10 ft.	FF-CR-10	
25 ft	FF-CR-25	

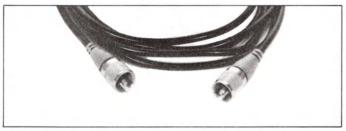
1-4	5-49	50+
7.29	6.56	5.83
9.99	8.99	7.99
12.99	11.69	10.39







UHF	Plug to "F" Plug	1-4	5-49	50 +
10 ft.	UF-C-10	11.69	10.52	9.35
25 ft.	UF-C-25	14.69	13.22	11.7



UHF	Plug to Plug		1-4	5-49	50 +
3 ft.	UU-C-3	-	9.99	8.99	7.99
10 ft.	UU-C-10		11.69	10.52	9.35
25 ft.	UU-C-25		14.69	13.22	11.75
50 ft.	UU-C-50		20.69	18.62	16.55



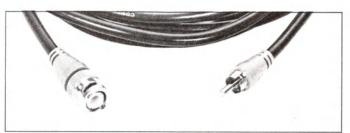
BNC	Plug to UHF Plug	1-4	5-49	50 +
3 ft.	BU-C-3	9.99	8.99	7.99
10 ft.	BU-C-10	11.69	10.52	9.35
25 ft.	BU-C-25	14.69	13.22	11.75
50 ft.	BU-C-50	20.69	18.62	16.55

# **CABLES**

# NEW NEW

### "F" Plug to 3.5 Mini Plug

10 ft. **F-MP-C-10** 1-4 5-49 50 + 8.69 7.82 6.95



### BNC Plug to Phono (RCA) Plug

10 ft. **B-PP-C-10** 11.69 10.52 9.35 25 ft. **B-PP-C-25** 14.69 13.22 11.75

### Molded Video Cables-Flexible Coax



### Phono (RCA) Plug to Plug-Video

		1-4	5-49	50 +
11/2 ft.	PP-PP-CV-1.5	6.99	6.29	5.59
3 ft.	PP-PP-CV-3	7.29	6.56	5.83
10 ft.	PP-PP-CV-10	9.99	8.99	7.99
25 ft.	PP-PP-CV-25	12.99	11.69	10.39



UHF Plug to Phono (RCA) Plug

10 ft.	U-PP-C-10	
25 ft.	U-PP-C-25	

14.69 13.22 11.75

50 +

9.35

### X-F Series

5-49

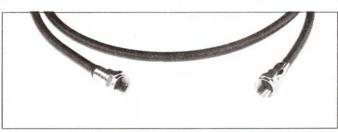
10.52

1 - 4

11.69

Quality Cables at an economical price. 75 ohm Coaxial Cable featuring screw-on "F" Crimp Connectors.

1-4	5-49	50 +
3.69	3.32	2.95
3.99	3.59	3.19
5.69	5.12	4.55
8.69	7.82	6.95
14.69	13.22	11.75
20.69	18.62	16.55
26.69	24.02	21.35
	3.69 3.99 5.69 8.69 14.69 20.69	3.69 3.32 3.99 3.59 5.69 5.12 8.69 7.82 14.69 13.22 20.69 18.62

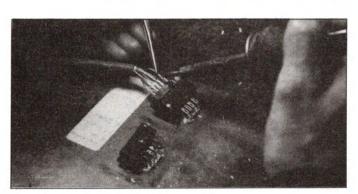


### Custom Cables

Comprehensive is proud to offer custom cable/device fabrication.

Whether you are an OEM, video dealer, installer or video user; our engineering, manufacturing, and assembly facilities are available to you on a custom basis.

For quantities of 50 pieces or more please contact our technical service department.



# **AUDIO CABLES**

NEW 25' lengths

### Mini, Phono and Standard Phone Cables



Mini (3.5mm) Plug to Plug

1 - 4 5 - 49 50 + 10 ft. MP-MP-10 2.99 2.69 2.39 2.5 ft. MP-MP-25 4.69 4.22 3.75



Mini (3.5mm) Plug to Jack

1 - 4 5 - 49 50 + 10 ft. **MP-MJ-10 2.99 2.69 2.39 2.5** ft. **MP-MJ-25 4.69 4.22 3.75** 



Mini (3.5mm) Plug to Phono (RCA) Plug

1-4 5-49 50 + 10 ft. **MP-PP-10** 2.99 2.69 2.39 25 ft. **MP-PP-25** 4.69 4.22 3.75



Phono (RCA) Plug to Plug

1 - 4 5 - 49 50 + 10 ft. **PP-PP-10 2.99 2.69 2.39 2.5** ft. **PP-PP-25 4.69 4.22 3.75** 



Phono (RCA) Plug to Jack

10 ft. **PP-PJ-10** 2.99 2.69 2.39 2.5 ft. **PP-PJ-25** 4.69 4.22 3.75



Standard Phone (1/4 in.) Plug to Plug

10 ft. SPP-SPP-10 3.99 3.59 3.19 25 ft. SPP-SPP-25 5.69 5.12 4.55



Standard Phone (1/4 in.) Plug to Jack

10 ft. **SPP-SPJ-10** 3.99 3.59 3.19 25 ft. **SPP-SPJ-25** 5.69 5.12 4.55



Standard Phone (1/4 in.) Plug to Mini (3.5mm) Plug

1-4 5-49 50+ 10 ft. SPP-MP-10 3.29 2.96 2.63 25 ft. SPP-MP-25 4.99 4.49 3.99



Standard Phone (1/4 in.) Plug to Phono (RCA) Plug

1-4 5-49 50+ 10 ft. SPP-PP-10 3.29 2.96 2.63 25 ft. SPP-PP-25 4.99 4.49 3.99

### Audio Adapter Cables=



Stereo Phone (1/4 in.) Jack to

Mini Plug 1-4 5-49 50 + SP-2·C 2.99 2.69 2.39



Phono (RCA) Plug to Two Parallel Phono (RCA) Jacks

1-4 5-49 50 + **SP-4-C 2.99 2.69 2.39** 



Phono (RCA) Jack to Two

Parallel Phono (RCA) Plugs
1-4 5-49 50+

1-4 5-49 50 + **SP-5-C 2.99 2.69 2.39** 



HEW

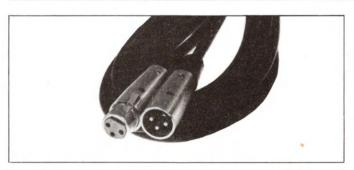
Din 5 Pin Plug to Four Phono (RCA) Plugs

1-4 5-49 50 + **D5P-4PP 8.99 8.09 7.19** 



# **AUDIO CABLES**

### XLR Audio Cables



### MICROPHONE EXTENSION CABLES

XLR Cables are specially engineered to transmit clear signals, while cancelling hum and cross-talk. Stranded conductors and a rubber jacket are utilized to achieve maximum flexibility.

	1-4	5-49	50 +
15 ft. XLRP-XLRJ-15	29.95	26.96	23.96
25 ft. XLRP-XLRJ-25	36.95	33.26	29.56
50 ft. XLRP-XLRJ-50	57.95	52.16	46.36
75 ft. XLRP-XLRJ-75	79.95	71.96	63.96
100 ft. XLRP-XLRJ-100	89.95	80.96	71.96

### XLR to Mini, Phono and Standard Phone Cables

All Cable lengths are 10 ft.



XLR Plug to Mini Plug

1-4 5-49 50 +XLRP-MP-C 10.95 8.76 9.85



XLR Plug to Mini Jack

5-49 1 - 450 +XLRP-MJ-C 10.95 9.85 8.76



XLR Jack to Mini Plug

1 - 45-49 50 +XLRJ-MP-C 10.95 9.85 8.76



XLR Jack to Mini Jack

1 - 45-49 50 +XLRJ-MJ-C 10.95 9.85 8.76



XLR Plug to Phono Plug

1 - 45-49 50 +XLRP-PP-C 10.95 9.85 8.76



XLR Plug to Phono Jack NEW

1-4 5-49 50 +XLRP-PJ-C 10.95 9.85 8.76



XLR Jack to Phono Plug

1 - 45-49 50 +XLRJ-PP-C 10.95 9.85 8.76



XLR Jack to Phono Jack NEW

1-4 5-49 50+ XLRJ-PJ-C 10.95 9.85 8.76



XLR Plug to Standard NEW

Phone Plug 5-49 50+ 1-4 19.95 17.96 15.96 XLRP-SPP-C



1 - 4

XLR Plug to Standard

**Phone Jack** XLRP-SPJ-C

5-49 50 +19.95 17.96 15.96



XLR Jack to Standard

**Phone Plug** XLRJ-SPP-C



5-49 1 - 419.95

50 +17.96 15.96



XLR Jack to Standard

**Phone Jack** XLRJ-SPJ-C

5-49

1-4 50 +19.95 17.96 15.96



# **EIAJ MULTI-PIN CABLE ASSEMBLIES**

### Comprehensive Your Video Cable Source

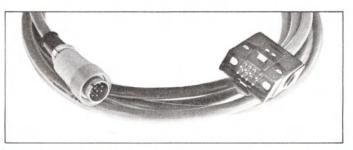
Camera extension and equipment hookup cables are often difficult to obtain from the original equipment manufacturers. Comprehensive has engineered a variety of configurations for immediate delivery.



### **EIAJ 8-Pin VTR & Monitor Cables**

(Equivalent to Sony VMC, Panasonic NV-C15, etc.) EIAJ 8-Pin Plug to 8-Pin Plug for playback.

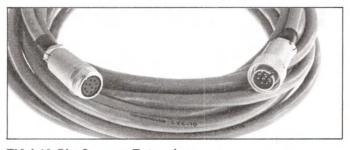
			1-4	5-49	5U +
NEW	5 ft.	E8P-E8P-5	31.95	28.76	25.56
	10 ft.	E8P-E8P-10	34.95	31.46	27.96
	25 ft.	E8P-E8P-25	44.95	40.46	35.96
	50 ft.	E8P-E8P-50	65.00	58.50	52.00
	100 ft.	E8P-E8P-100	99.00	89.10	79.20



### Portable VTR to Monitor Cable

(Equivalent to Sony VMC- 1M or JVC VC232U, etc.) EIAJ 8-Pin Plug to EIAJ 10-Pin Plug (Specify Sony, or Panasonic/JVC).

5 ft.	E8P-E10P-5S	1-4	5-49	50 +
	(Sony)	39.00	35.10	31.20
5 ft.	E8P-E10P-5J			
	(JVC & Panasonic)	39.00	35.10	31.20



### EIAJ 10-Pin Camera Extension

(Equivalent to Sony CCJ and Panasonic 10H25) EIAJ 10-Pin Plug to EIAJ 10-Pin Jack.

		1-4	5-49	50 +
5 ft.	E10P-E10J-5	49.00	44.10	39.20
10 ft.	E10P-E10J-10	54.95	49.46	43.96
25 ft.	E10P-E10J-25	69.95	62.96	55.96
50 ft.	E10P-E10J-50	109.00	98.10	87.20
100 ft.	E10P-E10J-100	189.00	170.10	151.20



### EIAJ 10-Pin Hook-Up Cable

(Equivalent to Panasonic 10G25 etc.) EIAJ 10-Pin Plug to EIAJ 10-Pin Plug

		1-4	5-49	50 +
5 ft.	E10P-E10P-5	49.00	44.10	39.20
10 ft.	E10P-E10P-10	54.95	49.46	43.96
25 ft.	E10P-E10P-25	69.95	62.96	55.96
50 ft.	E10P-E10P-50	109.00	98.10	87.20
100 ft.	E10P-E10P-100	189.00	170.10	151.20



### Camera Cable (JVC)

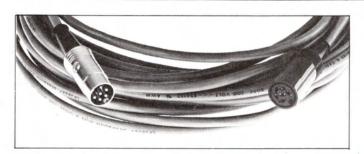
(Equivalent to JVC VC404) EIAJ 10-Pin Plug to EIAJ 12-Pin Plug

		1-4	5-49	50 +
10 ft.	E10P-E12P-10	59.00	53.10	47.20

Cable for Crosspoint Latch
Pixie SEG to JVC G-71 Camera

10 ft. E10P-E12P-10CL 59.00 53.10 47.20



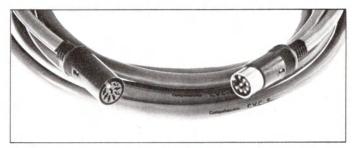


### B & W Camera Extension Cable (6-Pin)

(Equivalent to Sony CCF) for use with Sony AVC Series Cameras. DIN 6-Pin Plug to DIN 6-Pin Jack

25 ft D6P-D6J -25

1-4 5-49 50+ 45.00 40.50 36.00



### Color Camera Extension (8-Pin)

(Equivalent to Hitachi C-301CA) for use with Hitachi, NEC and Zenith Cameras. DIN 8-pin plug to DIN 8-pin jack

1-4 5-49 50 +49.00 44.10 39.20

25 ft D8P-D8J -25

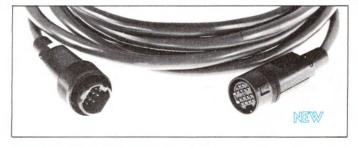


### Professional 14 Pin Camera Cable

(Equivalent to Sony CCQ) for use with Sony and JVC cameras EIAJ 14-Pin Plug to EIAJ 14 Pin Jack.

25 ft E14P-E14J-25

1-4 5-49 50 +99.00 89.10 79.20



### BETA Camera Extension (14-Pin)

(Equivalent to Sony CCK) for use with Sony, Sears, Sanyo, Toshiba and Zenith consumer cameras. Beta 14-Pin Plug to Beta 14-Pin Jack. 1-4 5-49 50 +

25 ft B14P-B14J-25

69.95 62.96 55.96



### Hitachi Camera Extension Cable (10 Pin)

(Equivalent to Hitachi C102CB) EIAJ 10-Pin Push-On Plug to EIAJ 10 Pin Push-On Jack.

1-4 5-49 50+

69.95 62.96 55.96

25 ft H10P-H10J-25

# **BULK CABLE**

### Coaxial 75 Ohm Video Cable

### RG59/U Solid Center Conductor CVC-59



CVC-59-100 100 ft. reel 19.95 CVC-59-500 500 ft. reel 89.95 CVC-59-1000 1000 ft. reel

Premium grade cable designed for use with cameras, monitors, video recorders, etc. Extremely rugged. Well suited for wiring racks, consoles, studios, temporary field hook-ups, etc.

### Specifications:

Outside diameter - . 242 in. Nom Impedance-73 ohm Shield-95% Construction-22AWG solid center conductor with polyethylene dielectric and copper braid shield. Color-Black

### RG59/U Stranded Center Conductor CVC-59S



CVC-59S-100 100 ft. reel CVC-59S-500 500 ft. reel CVC-59S-1000 1000 ft. reel

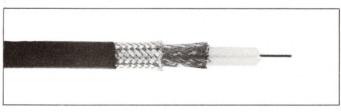


Premium grade cable with stranded center conductor for maximum flexibility without loss of continuity in the center conductor.

### Specifications:

Outside diameter - .242 in. Nom. Impedance-75 ohm Shield-95% Construction-7X32AWG center conductor with polyethylene dielectric and copper braid shield. Color-Black

### Belden 8281 ====



8281-500 500 ft. 290.00 8281-1000 1000 ft.

75 Ohm Precision Broadcast Coax Cable Broadcast-spec double-shielded cable provides optimum performance. Ideal for wiring studios, rewiring consoles and long cable runs.

### Specifications:

Outside diameter-.304 in. Construction-20 gauge (solid), bare copper Conductor polyethylene insulated Tinned copper double braid shield Black polyethylene jacket

See Page 2 for BNC and UHF Connectors for 8281 cable.

# **BULK CABLE**

### Multi-Conductor Video Cable

EIAJ 8 Pin VCR Cable CVC-8

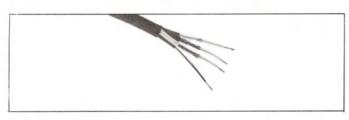
Equal to that used by Sony, JVC and Panasonic, but otherwise unavailable in bulk quantities. Interconnect video recorders, monitors, etc. Handles two sets of audio and video signals. If you are building or remodeling your facilities, install CVC-8 cable now and make it easier to hook up additional video equipment in the future.

### Specifications:

Outside diameter - .310 in.

Construction - 4 conductor
2 conductors: 25AWG, 7x33
bare copper stranding, 22 mil.
polyethylene insulation, bare
copper braid shield, 16 mil. PVC
iacket

2 conductors: 24AWG, 7x32 tinned copper stranding, 11 mil. PVC insulation, tinned copper spiral shield, 13 mil. PVC jacket Outer jacket: 35 mil. PVC, grey



CVC-8 1-499 ft. .95 per ft. 500-999 ft. .85 per ft. 1000 + ft. .76 per ft.

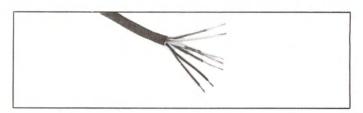
### EIAJ 10Pin Camera Cable CVC-10

CVC-10, EIAJ 10-pin bulk cable. This cable is used for camera to VTR, camera to production switcher, and other inter-equipment hookups where 10-pin or smaller connectors are used.

### Specifications:

Outside diameter – .360 in.
Construction – 7 conductor
4 conductor: 25 AWG, 7x33 bare
copper stranding polyethylene
insulation, bare copper braid
shield, 16 mil. PVC jacket.

3 conductor: 20 WG, 24x34 copper, 10 mil. PVC jacket. Outer jacket-32 mil. PVC, grey



CVC-10 1-499 ft. 1.35 500-999 ft. 1.21 1000 + ft. 1.08

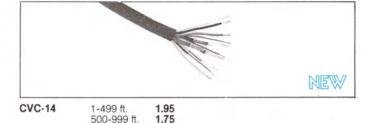
### EIAJ 14 Pin Camera Cable CVC-14

High-quality cable features 4 Video and/or Audio conductors, and eight individual conductors. Ideal for most camera hook-ups including Hitachi, JVC, Panasonic, Sony 10-pin connections, JVC 12-pin connections, Sony and other Beta 14-pin connections and industrial Sony and JVC 14-pin connections (E14 Series see page 7)

### Specifications:

Outside diameter – .380 in.
Construction – 12 conductor
4 conductor: 75 ohm mini coax

5 conductor: 30AWG stranded 3 conductor: 20AWG stranded Outer jacket-Grey PVC

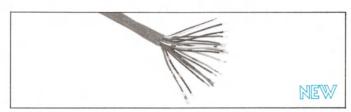


### 20 Pin Remote Control Cable CVC-20

For use with E20P connectors featured on Page 6. Ideal for editing room cable assemblies or remote control extensions.

### Specifications:

Outside diameter - .345 in. Construction - 20 Conductor 22AWG, 7x30 Outer Jacket - Grey PVC



CVC-20

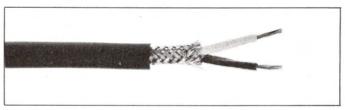
1-499 ft. 1.95 500-999 ft. 1.75 1000 + ft. 1.56

1000 + ft

# **BULK CABLE**

### **Audio Cable**

### Microphone Cable ==

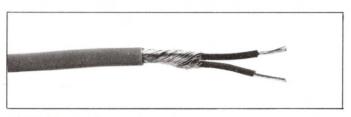


CMC-2-100 100 ft. reel 54.00 CMC-2-500 500 ft. reel 249.00 Heavy-duty premium-grade microphone cable has two conductors with a shield. It is ideal for all microphone extension cables and features a black rubber jacket for professional durability.

### Specifications:

Outside diameter – .190 in. Construction -2 conductor stranded 24AWG, tinned cadmium bronze, cotton wrap, rubber insulated, 100% coverage conductive textile wrap shield, tinned copper braid shield, cotton wrap, black rubber jacket.

### Audio Cable CAC-2 ===



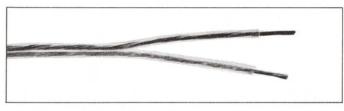
CAC-2-100 100 ft, reel 24.00 CAC-2-500 500 ft, reel 109.00 CAC-2-1000 1000 ft, reel 199.00

Premium-grade cable is two conductor with shield and has a gray PVC jacket. It is ideal for all audio interconnecting applications where shielding is required and for microphones.

### Specifications:

Outside diameter – .170 in. shield coverage 97% Construction – 2 conductor stranded 22 AWG, tinned copper, vinyl insulated, twisted pair, with tinned copper spiral wrapped shield, and chrome vinyl jacket.

### Audio Heavy-Duty "Zip Cord" CZC-2=



**CZC-2-100** 100 ft. reel **8.79 CZC-2--500** 500 ft. reel **37.95** 

Audio cable has two conductors, one tinned copper and one bare copper for polarity identification, PVC insulation. Ideal for speaker hook-ups, etc.

### Specifications:

Outer diameter-0.85 in. × .160 in. Construction-2 conductor stranded 20 AWG, one conductor tinned copper, one conductor bare copper, clear PVC insulation, conductors laid parallel, rip type construction for easy separation.

# CABLE ACCESSORIES

### Releasable Cable Ties

Ideal for clamping camera cables to tripods, temporary wiring, coiling cables, etc. Unlike the conventional type, these cable ties may be reused many times because they are "releasable". No special tools required. Ties may also be mated with each other to fit large sized applications.

Length	Max. Bundle Diameter	Quantity	Price
51/2"	11/2"	25	3.29
51/2"	11/2"	100	11.99
93/4"	21/2"	25	5.49
93/4"	21/2"	100	18.99
	5½" 5½" 9¾"	5½" 1½" 5½" 1½" 9¾" 2½"	5½" 1½" 25 5½" 1½" 100 9¾" 2½" 25



### Cable Ties

For building consoles or installing audio and video systems on a permanent basis.

Max. Bundle Diameter Length Quantity **Price** T-30A-100 71/2" 7.59 11/4" 23/4" 100 12.99 101/2" T-50B-100



### Tensioning Tool

(For use with non-releasable cable ties) Rugged, smooth action precisely sets constant tension in a single stroke. Designed to fit easily in tight places.

MARK V 85.00





### Cable Tie Mounts



Adhesive Backed Mounted Base

AM-25 AM-100

Bag of 25 Bag of 100 10.99



Screw (# 10 Screw Hole) Mounting Base

Bag of 25 3.49 Bag of 100 11.99 SM-25 SM-100

### Cable Organizer



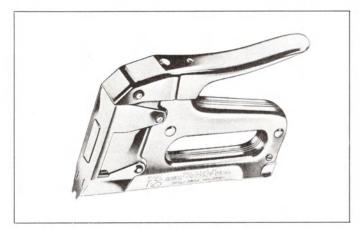
Keep your audio and video cables neat and ready to use. Wall mountable, 15 in. long.

CR-2 14.95



# CABLE ACCESSORIES

### Professional Staple Gun



Ideal for securing RG59/U, or other similar sized cable. Rounded staples hold cable firmly in place without damage.

T-25	Staple Gun	32.60
T-25-3	3/8 in. staples *	1.95
T-25-9	9/16 in. staples*	2.25

<sup>\*</sup>Pack contains 1,000 staples.

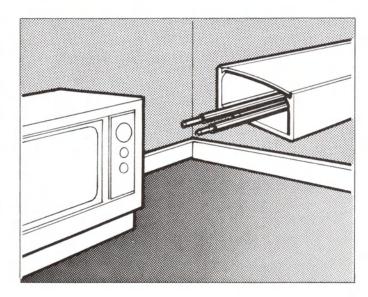
### **TELE-K Molding Duct**

**Problem:** How to avoid the eye-sore of cables running haphazardly around the studio, control room, dubbing center, conference room, etc.

Solution: Tele-K Molding Duct

This easy-to-install duct made of flame-retardent ABS high-impact plastic, contains plenty of room for audio, video and control cables. Once installed (a staple gun, double stick tape or screws will do), the snap-off cover permits easy access.

Tele-K ducts conform to minor irregularities in walls or other surfaces. Attractive neutral beige surface may be painted to match walls or ceilings.

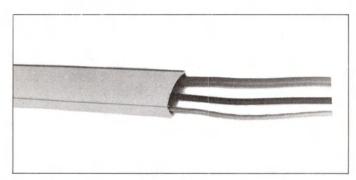


### Easy to install:

- 1. Staple duct base to surface.
- 2. Insert cables into duct base.
- 3. Snap-on duct cover.

TK-20	Package of 5 (Total of 20 feet)	4 ft. sections	19.95
TK-100	Package of 25 (Total of 100 feet)	4 ft. sections	89.95
TK-200	Package of 25 (Total of 200 feet)	8 ft. sections	169.00
TK-400	Package of 50 (Total of 400 feet)	8 ft. sections	299.00

SHIPPING NOTE: TK-20 and TK-100 are shippable via UPS. The TK-200 and TK-400 are shipped via truck.

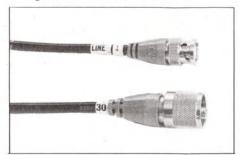


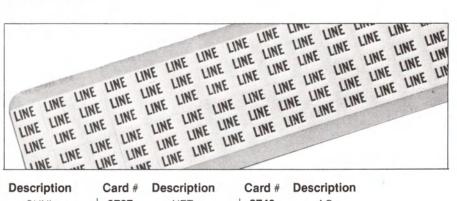
# CABLE ACCESSORIES

### Video Cable Markers

Eliminate confusion in identifying cables. Mark cable ends to indicate equipment served (CAM, VTR, etc.) Vinyl markers are protected from wear by a tough, transparent, polyester film. Numbers (1-99) and broadcast network designations are also available.

Markers will fit RG59/U, as well as broadcast cables (such as Belden 8281) up to 3/8 in. diameter. Supplied on cards containing 15 to 33 individual adhesive markers.





Card #	Description						
9701	VTR	9714	CHNL	9727	NET	9740	AC
9702	CAM	9715	IN	9728	SONY	9741	DC
9703	LINE	9716	OUT	9729	PAN	9742	GROUND
9704	MON	9717	RF	9730	JVC	9743	14V
9705	AUX	9718	SYNC	9731	VD	9744	1 INCH
9706	AIR	9719	PRVW	9732	HD	9745	U-MATIC
9707	TBC	9720	CCU	9733	BL	9746	BETA
9708	SEG	9721	VID	9734	SC	9747	VHS
9709	TAPE	9722	AUD	9735	12V	9750	NOS. 1-33
9710	PGM	9723	ABC	9736	115V	9751	NOS. 34-66
9711	MIC	9724	CBS	9737	220V	9752	NOS. 67-99
9712	FILM	9725	NBC	9738	NEG		

9739

POS

PRICE \$2.25 EACH CARD

### Professional Cable Marker Kit

Complete set of one of every card listed (Except 9723 through 9727 NETWORK TITLES). Total of 45 cards. (Individual cost would be over \$100.00).

CART

9726

9700K 89.95

**PBS** 



### Cable Testers



9713

### The Video Cable Tester

Check your video cables for shorts, broken conductors, and continuity. Test BNC to BNC, UHF to UHF, or BNC to UHF cables. No meters, or technical skills required, simply connect the cable and push a button. The L.E.D.'s indicate whether the cable is good or not, and whether the problem is the center conductor, or the shield. Includes 2 ea. BJ-UP BNC to UHF adapters, 9V battery and rugged die cast aluminum box.

PS-1

59.95



### **Audio Cable Tester**

Test standard XLR 3 pin male to female cables and 3 conductor phone-plugs for shorts, continuity, and phasing. Simply plug the cable into the CT-2 and depress one button at a time. If the light above the button is lit when the button is depressed, there is continuity in that conductor. If any two lights become illuminated at the same time, there is a short between the two contacts.

CT-2 64.95

Comprehensive 27

# PROBLEM SOLVERS

### Monitor/VCR Break-Out Boxes

### EIAJ-8 Pin to Video In/Out and Audio In/Out =

These units are designed to make any monitor or VCR fully compatible with other video gear. Four versions are available.



### PS-4B

Accepts 8 pin cable (E8P) and provides video in/out via BNCs and audio in/out via Minis (3.5mm).

PS-4B \$49.95

### **PS-4U**

Same as PS-4B, except with UHF connectors for video.

PS-4U \$49.95



### PS-6B

Features 8 pin cable (E8P) to plug into equipment using 8 pin jack (E8JCM). Provides video in/out via BNCs and audio in/out via Minis (3.5mm).

PS-6B \$54.95

### PS-6U

Same as PS-6B, except with UHF connectors for video.

PS-6U \$54.95

### Portable VCR Break-Out Boxes

### Camera Input Connector to Video In/Out and Audio In/Out ==

HEW

Not all portable VCRs (particularly ½ in. VHS and Beta) are fitted with video or audio inputs. This presents a problem when attempting to use non-portable cameras, dub

from other VCRs, or in various applications where interfacing with a camera connector is required.



Features 10 pin cable (E10P) to plug into camera input of portable VCR or other equipment using 10 pin jack (E10JCM). Provides video in/out via BNCs and audio in/out via Minis (3.5mm).

PS-7B \$59.95

### PS-7U

Same as PS-7B, except with UHF connectors for video.

PS-7U \$59.95



### PS-7P

Same as PS-7B, except with phono (RCA) connectors for video and audio.

PS-7P \$59.95



### PS-11P

For Consumer Beta VCRs. Features 14 pin (B14P) connector to plug into the camera input of a portable Beta VCR. Provides video in/out via phono (RCA) connectors and audio in/out via Minis (3.5mm).

PS-11P \$59.95



See color photo on inside back cover.

# **PROBLEM SOLVERS**

### Camera Input Connector to Video In/Out and Audio In/Out

### **PS-12P**

For Akai portable VCRs. Features 7 pin (D7P-SL) connector to plug into the camera input. Provides both video in/out and audio in via phono (RCA) connectors.

PS-12P \$59.95



### **PS-14B**

For Industrial VCRs and other equipment using the industrial 14 pin (E14JCM) camera input connector. Features the 14 pin plug (E14P) to video in/out via BNC connectors and audio in/out via Minis (3.5mm).

PS-14B \$79.95



### Camera Break-Out Box

Designed to provide access to all the individual signals and drives (video out, audio out, record, pause and DC power) of color cameras using the common 10 pin (E10P) connection. Use a portable camera with an AC operated VCR that does not supply camera inputs. The DC input allows external powering of the camera.

10 pin camera input Video out via BNC connector Audio out via 3.5mm Mini connector 12 volts DC power input fused via DIN 4 pin Remote record/pause via extended Mini

CBB-10 \$69.95



### Multi-Pin adapters



### EIAJ 8 pin "GOOF" Plug

EIAJ 8 pin Jack to Jack Barrel Connector. Mates two 8 pin cables.

E8J-BL \$19.95



### **EIAJ 8 pin Dubbing Adapter**

EIAJ 8 pin Jack to Plug. Coverts 8 pin VCR/Monitor cable into VCR-to-VCR cable for dubbing.

E8J-P \$24.95



### EIAJ 14 pin Adapter

Adapts 14 pin Plug (E14P) connector to 14 pin Jack receptacle (equivalent to E14JCM) to allow the addition of extension cables.

E14P-J \$34.95

Problem: Your portable camera and VCR are incompatible.

Solution: Comprehensive's Camera to VCR

Adapters. See pages 142-143.



# **DUBBING-EDITING KITS**

### The Professional Interconnect Kit



This kit covers virtually all dubbing situations. Dub both audio and video between any combination of U-Matic, VHS or Beta VCRs as well as audio from an audio recorder or amplifier.

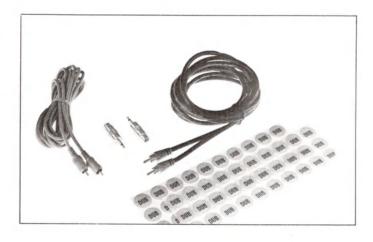


- 1 ea. UHF Plug to Plug Video Cable, 10 ft.
- 2 ea. BNC Plug to UHF Jack Adapters
- 2 ea. Phone Plug to UHF Jack Adapters
- 1 ea. Phono Plug to Plug Audio Cable, 10 ft.
- 2 ea. 3.5mm Mini Plug to Phono Jack Adapters
- 1 ea. DIN 5-Pin Plug to 4 Phono Plug Cable, 6 ft.
- 100 round "DUB" labels, 3/4 in. diameter, fluorescent red
- Complete instructions

CVS-115

\$34.95

# Home Video Dubbing-Editing Kit



Make copies of your favorite video tape by dubbing from one VCR to another. Tapes may also be edited by deleting scenes, changing the sequence of scenes or by adding entirely new scenes.

The Comprehensive CVS-15 Home Video Dubbing/Editing Kit contains all the cables and adapters necessary to dub between various combinations of VHS or Beta format VCRs (i.e. VHS to VHS, Beta to Beta, Beta to VHS, VHS to Beta). The professional quality cables also allow for dubbing from various sources to a single VCR (i.e. video from a VCR, and audio from a hi-fi system).

### Contents:

- 1 ea. Phono Plug (RCA) to Phono Plug (RCA) Video Cable, 10 ft.
- 1 ea. Phono Plug (RCA) to Phono Plug (RCA) Audio Cable, 10 ft.
- 2 ea. 3.5mm Mini Plug to Phono Jack (RCA) Audio Adapters
- 100 round "DUB" labels, 3/4 in. diameter, fluorescent red
- · Complete instructions

CVS-15 \$17.50



# R F SIGNAL DISTRIBUTION FITTINGS

### Matching Transformers

### 75 ohm (F) to 300 ohm (Twin Lead)

All-channel matching transformer designed to match a 75 ohm coaxial cable downlead to a 300 ohm UHF/VHF input of a VCR Tuner, TV or FM set.

Features: Heavy duty twin lead • soldered and crimped lugs • brass connector • metal case with plastic cover • AC/DC blocked.

CVS-1 1-4 5-49 50 + 1.58

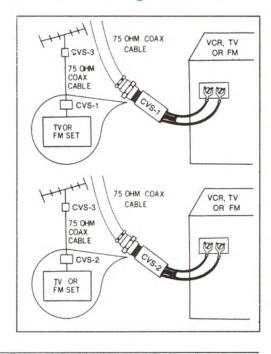
### 75 ohm (F) to 300 ohm (Twin Lead) with CB Interference Filter

Matching transformer with CB interface filter designed to match a 75 ohm coaxial cable downlead to a 300 ohm UHF/VHF input of a TV or FM set. Built-in high pass filter to eliminate interference caused by CB radios, HAM radios, radio telephones, X-ray equipment, neon signs, heavy electrical equipment, automobile ignition noise, etc.

Features: AC/DC blocked • brass connector • heavy duty twin lead • soldered and crimped lugs • metal case with plastic cover.

1-4 5-49 50+ 2.49 2.24 1.99





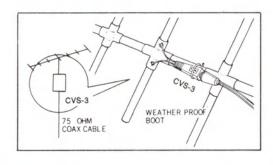
### 75 ohm (F) to 300 ohm (Twin Lead) for Outdoor Use

Outdoor matching transformer designed to match a 300 ohm all-channel antenna to a 75 ohm coaxial cable downlead. Completely weatherproof.

Features: AC/DC blocked • brass connector • non-deteriorating molded PVC case • rugged and fully weatherproof strain relief construction. Rubber boot included.

CVS-3 1-4 5-49 50+ 3.69 3.32 2.95





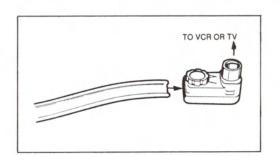
### 300 ohm (Twin Lead) to 75 ohm (F)

All-channel reversible matching transformer designed to match 300 ohm antenna line to 75 ohm input of VCR Tuner or TV set.

Features: Quick 300 ohm wire connection • push-on right angle 75 ohm connector • plastic case.

CVS-13 1-4 5-49 50+ 2.99 2.69 2.39

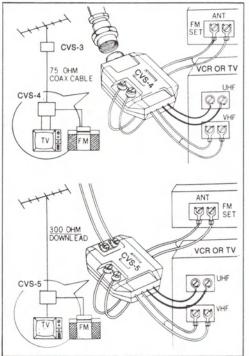






# RF SIGNAL DISTRIBUTION FITTINGS

### Band Separators ====



# 75 ohm (F) Input UHF/VHF/FM Band Separator with 300 ohm (Twin Lead) UHF and 300 ohm (Twin Lead) VHF Outputs

Matches and separates 300 ohm UHF, VHF and FM signals from a 75 ohm antenna downlead.

Features: Insulation piercing screws • brass connector • heavy duty twin lead.



CVS-4 1-4 5-49 50+ 4.69 4.22 3.75

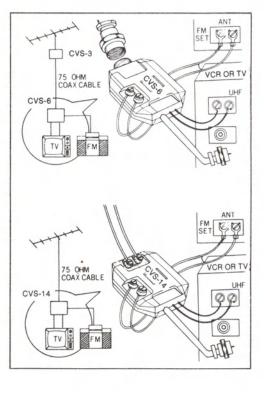
# 300 ohm (Twin Lead) Input UHF/VHF/FM Band Separator with 300 ohm (Twin Lead) UHF and 300 ohm (Twin Lead) VHF Outputs

Separates 300 ohm UHF, VHF and FM signals from a 300 ohm antenna downlead.

Features: Insulation piercing screws • heavy duty twin lead.



CVS-5 1-4 5-49 50 + 4.29 3.86 3.43



# 75 ohm (F) Input UHF/VHF/FM Band Separator with 75 ohm (F) VHF and 300 ohm (Twin Lead) UHF Outputs

Matches and separates 300 ohm UHF, and FM signals and 75 ohm VHF signals from a 75 ohm antenna downlead.

Features: Insulation piercing screws • brass connector • heavy duty twin lead.



CVS-6 1-4 5-49 50+ 4.89 4.40 3.91

# 300 ohm (Twin Lead) Input UHF/VHF/FM Band Separator with 75 ohm (F) VHF and 300 ohm (Twin Lead) UHF Outputs

Separates and matches 300 ohm UHF and FM signals and 75 ohm VHF signals from a 300 ohm antenna downlead.

Features: Insulation piercing screws • heavy duty twin lead.

HEW

CVS-14 1-4 5-49 50 + 4.89 4.40 3.91





# R F SIGNAL DISTRIBUTION FITTINGS

### Couplers/Splitters

### 300 ohm (Twin Lead) UHF/VHF/FM 2-Set Coupler/Splitter

Divides signals on a 300 ohm antenna downlead into two equal parts for additional 300 ohm TV or FM connections.

Features: Insulation piercing screws.

5-49 50 +1-4 CVS-7

3.69 3.32 2.95

### 300 ohm (Twin Lead) UHF/VHF/FM 4-Set Coupler/Splitter

Divides signals on a 300 ohm antenna downlead into four equal parts for up to four 300 ohm TV or FM connections.

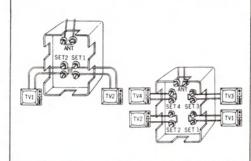
Features: Insulation piercing screws.

1 - 45-49 50 +

CVS-8 4.69 4.22 3.75







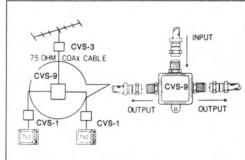
### 75 ohm (F) ohm 2-Set Coupler/Splitter

Indoor/outdoor 2-way hybrid splitter divides signals on a 75 ohm coaxial cable into two equal parts for additional 75 ohm TV or FM connections.

Features: Non-corroding zinc die-cast housing • completely weatherproof • AC/DC power pass • epoxy sealing.

> 5-49 50+ CVS-9 4.89 4.40 3.91



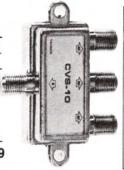


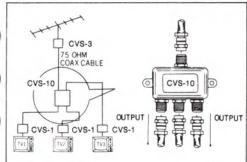
### 75 ohm (F) 3-Set Coupler/Splitter

Indoor/outdoor 3-way hybrid splitter divides signals on a 75 ohm coaxial cable into three parts for up to three 75 ohm TV or FM connections.

Features: Non-corroding zinc die-cast housing • completely weatherproof • epoxy sealing.

> 5-49 50 +1 - 4CVS-10 5.39 5.99 4.79



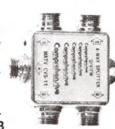


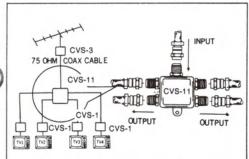
### 75 ohm (F) ohm 4-Set Coupler/Splitter

Indoor/outdoor 4-way hybrid splitter divides signals on a 75 ohm coaxial cable into four equal parts for up to four 75 ohm TV or FM connections

Features: Non-corroding zinc die-cast housing • completely weatherproof • epoxy sealing.

> 5-49 50 +1 - 4CVS-11 6.29 5.66 5.03





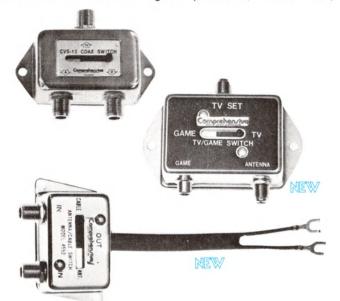
IMPORTANT NOTE: Any unused 75 ohm output terminal should be "terminated" with a F-TM 75 ohm terminator to prevent signal loss. See page 5.



# RF SIGNAL DISTRIBUTION FITTINGS

### RF Signal Selector Switches =

Comprehensive's 75 ohm signal selector switches will route two or more RF signals (Antenna, Cable. VCR,



Video game, Computer, etc.) to a particular antenna (TV or VCR) input without the necessity of re-wiring each time.

### 75 ohm (F) 2-Way Switch

Provides high-frequency or video-frequency signal switching from two signal sources. Ideal for use by Cable TV subscribers in switching their TV sets to stand-by antennas, VCR, etc. For VCR users the switch can be used to select video signals from two sources.

Features: High isolation between two inputs.

CVS-12 1-4 5-49 50 + 5.49 4.94 4.39

### 75 ohm 2-Way Video Game Switch

Same as CVS-12 with special video game or computer input connector.

CVS-16 1-4 5-49 50+ 5.49 4.94 4.39

### 75 ohm (F) to 300 ohm (Twin Lead) 2-Way Switch

Same as CVS-12 with matching transformer.

CVS-17 1-4 5-49 50 + 4.39 5.49 4.39





### A/B/C Coaxial Switch

Choose between three 75 ohm (F) inputs to one output. Easy to operate push-buttons to select VCR, Cable TV, Antenna, Video game, etc., or route any one source to one, two or three TV's. 40 dB isolation.

F-114 1-4 5-49 50 + 9.95 8.96 7.96

### 75 ohm High Isolation A/B Switch

Heavy-duty 95 dB high isolation switch prevents "leaking" or interference between two inputs. This is often a problem when the inputs are modulated at the same frequency (i.c. both VCR and Cable TV on Channel 3).

Features

Rugged die-cast chassis plastic encased construction with positive action switch.

Two 75 ohm (F) outputs, one input.

May be screw-mounted or attached to TV or VCR with heavy-duty adhesive strip (included).

F-115 1-4 5-49 50+ 13.95 12.56 11.16

# **ACTIVE RF SIGNAL** DISTRIBUTION PRODUCTS

RF Distribution Amplifiers

#### **RF Signal Amplifier**

Prevents signal loss on long 75 ohm cable runs. This one in/one out line amplifier boosts the RF (TV) signal by 12 dB. Operates on 117V AC.

RFDA-1 \$89.95



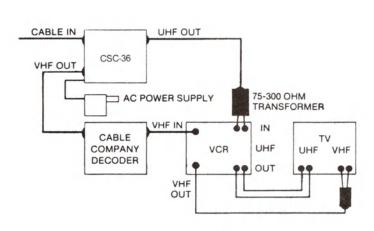
#### **RF Distribution Amplifier**

Eliminated signal loss when splitting a 75 ohm RF source to dif-ferent TVs or VCRs. The one in/four out amplifier splits and boosts the RF (TV) signal at each output by 5.5 dB. Operates on 117V AC.

> RFDA-4 \$99.95



### Cable Converter





### End the frustration of cable TV hookups

Watch and record any combination of standard broadcast, cable or pay-TV at the same time. The CSC-36 wideband amplifier converts cable TV signals to UHF band to allow all channel switching to be done by the TV tuner. TV sets equipped with remote control can use remote to select any channel for viewing and recording

CSC-36 \$79.95

### The CSC-36 can convert up to 36 channels.

- · Allows complete programming of VCRs with tuner timer
- Watch & record simultaneously any combination of standard broadcast cable or pay-TV programs

  Remote control of cable TV receivers equipped with this feature
- Allows full cable capability on second TV or VCR

#### The CSC-36 includes:

- · Main block converter
- 75-300 ohm matching transformer
- Two "F" to "F" hookup cables

### RF Modulator

Convert both audio and video signals to RF. This handy unit allows direct hook-up of any video and/or audio source to a television receiver or RF distribution system.

Video 1 volt peak-to-peak - Phono (RCA) jack Inputs

Audio line level - Phono (RCA) jack

Output RF channel 3 or 4 switchable "F" jack

9V DC UL listed and CSA approved AC adapter included Power

RFM-1 \$89.95





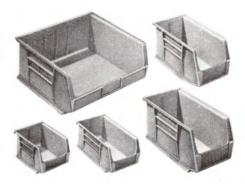


### Storage Systems

Keep key video accessories neat and organized.

Ideal for cables, connectors, adapters, mikes, lamps and spare parts.

### Storage Bins=



#### Features:

Bins can be suspended from louvered panels.

Extra wide stacking ledge assures stability when stacked

Anti-slide stop prevents loaded bins from shifting forward when being transported.

Large label card slot for easy labeling and relabeling.

Reinforcing ribs prevent bins from spreading under load. No cumbersome anti-spread bar required even on largest model.

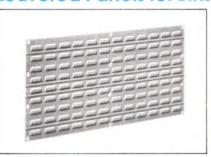
Finger grips for easy handling of larger bins.

Sturdy polypropylene construction.

Model		Dim	Inside ension Ir	nches		Outside mensio					
Number	Color	L	W	Н	L	W	Н	Qty.	Price	Qty.	Price
30-210	Red	4 3/4	37/16	2 13/16	5 3/8	4 1/8	3	1-23	.85	24+	.77
30-220	Blue	6 3/4	3 7/16	2 13/16	7 3/8	4 1/8	3	1-23	1.50	24+	1.35
30-230	Yellow	10 1/4	4 3/8	4 3/4	10 7/8	5 1/2	5	1-11	3.70	12+	3.33
30-240	Red	14	6 9/16	6 3/4	14 3/4	8 1/4	7	1-11	7.25	12+	6.53
30-250	Blue	14	143/4	6 3/4	14 3/4	16 1/2	7	1-5	10.40	6+	9.36

(Sorry, different sizes not assorted for quantity price.)

### Louvered Panels for Bins =



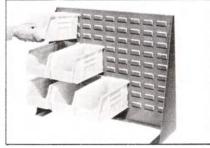


The louvered panel provides a hanging surface for bins. Allows unlimited relocation of all bin sizes. Can be mounted on walls, attached to the back of existing shelving, mounted on benches, carts, inside cabinets. Accommodates 32 each 30-210 or 32 each 30-220, or 18 each 30-230, or 8 each 30-240, or 4 each 30-250.

Panel size: 19" H. X 35 3/4" W.

\$22.16 30-636

\$19.94

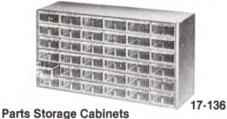


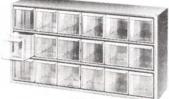
### **Bench Rack**

Sturdy frame with side supports snaps together. Accommodates 3 sizes of bins. 24 each 30-210 or 24 each 30-220 or 12 each 30-230. Measures 27 1/2" X 20" X

98-600 11 lbs. \$34.95

### Parts Storage Cabinets and Boxes





17-018

Comprehensive parts cabinets solve the problem of video parts (connectors, adapters, etc.) storage and organization. Storage units are industrial quality and designed for professional use. Cabinet frames are welded steel. Drawers are crystal styrene "see thru" type. Stackable, wall mountable.

> 36 drawers each 2 5/8" W. X 1 1/8" H. X 5 3/4" D. \$39.95 17-136 Overall: 18" W. X 9 1/2" H. X 6"D.

> 17-018 18 drawers each 2 5/8" W. X 2 1/2" H. X 5 3/4" D. \$39.95 Overall: 18" W. X 9" H. X 6"D.



### **Custom Storage Box**

Holds an assortment of connectors and adapters or spare parts. Sturdy, clear box has adjustable partitions allowing for 5 to 15 compartments. 11 1/2" W. X 6 1/2" L. X 2 3/8" H.

05-505 \$5.25



### Video Hardware Kit

Pan Head			⊗		
đ	Length	Qty	d	Length	Qty
1.7	4	50	2.6	.20	20
2.0	4	50	3.0	4	50
2.0	8	50	3.0	6	50
2.0	12	50	3.0	8	50
2.0	16	30	3.0	12	30
2.0	20	20	3.0	16	20
2.3	4	50	3.0	20	20
23	8	50	4.0	6	30
2.3	12	30	4.0	10	20
2.6	4	50	4.0	<b>J</b> 6	10
2.6	10	50	4.0	20	10
2.6	16	30			
To	tal Qua	ntity		820p	cs

Total Ox	antity	80	pcs
"E"Wash	ners	50	f
đ	Qty	d	Qh
2.0	50	3.0	50
2.3	50	4.0	50
Total Q	antity	200	pcs

JIS/ISO Set Screws

FI	JIS at He	ad	◈		
d	Length	Qty	d	Length	Qty
2.0	4	50	2.3	10	50
2.0	6	50	26	6	50
2.0	10	50	2.6	10	50
2.3	6	50	2.6	16	30
To	tal Qua	ntity		380p	cs

Washers		(O)	+
d	Qty	d	Qty
1.7	50	3.0	50
2.0	50	4.0	30
2.3	50	5.0	30
2.6	50		
Total Quantity		310	pcs

Spring Washers

	al He		⊗	<b>Dun</b>	
d	Length	Qty	đ	Length	Qty
2.0	4	50	3.0	6	50
2.0	10	50	3.0	10	30
2.0	16	30	3.0	20	20
2.6	4	50	4.0	8	50
2.6	8	50	4.0	12	30
2.6	12	50	4.0	16	20
2.6	16	30	4.0	20	10
2.6	20	20			
Tel	ol Oko	- Eller		540p	-e

d	Qiy	d	Qty
2.0	50	3.0	50
2.6	50	4.0	50
Total Que	ontity	200	pcs
JIS / IS Hexagon		-@-	<b>[</b> -
đ	Qhy	, d	Qty

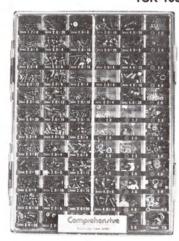
50 ISO 5.0 50 Decorative 6.0

ISO 3.0 50 Volum

**(C)** 

2,820 screws, washers and nuts for Japanese video equipment. Thread diameter 1.7mm-2.6mm are JIS standards, 3mm, 5mm are ISO standards. (Try finding these at your local hardware store!) The box has a labeled compartment for each part and a system of latches to prevent a disaster from occuring. Parts are common to all VCR gear, including, Sony, Panasonic, JVC, Sharp, Hitachi, NEC and others.

TSK-10001 \$124.95



### Video Fuse Kit

Don't let a simple blown fuse render your entire video system unusable. Having consulted the top video service engineers in the country, we designed the 106 piece Comprehensive Video Fuse Kit.

#### Contents:

5 ea. GMA 21/2
5 ea. GMA 3
5 ea. GJV 6/10
5 ea. GJV 1/2
5 ea. GJV 1
5 ea. GJV 2
5 ea. GJV 3
5 ea. GJV 4
5 ea. GJV 5

#### **ACCESSORIES**

1 ea. Fuse Puller Tool 5 ea. Insulated Twin Clip 5 ea. Fuse holder end cap

VFK-95 \$59.95



### Coax Cable Strippers

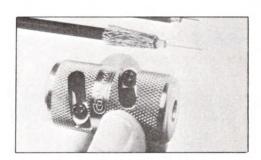
Throw away those dangerous ineffective razor blades. Strip RG 59/U video cable in less than 15 seconds. The results: a precision uniformly stripped cable without nicks to the center conductor or loose strands, everytime.

Every tool kit should have one of these ease-to-use cable strippers. The key to a professional trouble-free cable is precise and uniform cable preparation.

UT 5900 Strips RG59/U for "F" \$14.95 UT 5902 Strips RG59/U for BNC \$14.95 UT 5903 Strips RG59/U for UHF \$15.95

Replacement blades are precision honed for long life. All models use the same blades.

CB-60 2 replacement blades per pack \$3.



### Miniature Tool System =====



These tools are specially designed to fit all the miniature screws, nuts and bolts used in video hardware. The system is actually six kits in one, each having its own chuck-type handle and is in see-through housing.

#### Contents:

- Screwdriver and Awl Kit with .005 in., .080 in. and .100 in. blades and awl.
- Drill Kit with 3/64 in., Nos. 53, 50, 47 and 43 Drill Bits.
- Offset Open End Wrench Kit with 5/64 in., 3/32 in., 7/64 in., 1/8 in. and 5/32 in. Wrenches.
- Tap Kit with 0-80, 1-72, 2-56, 3-48 and 4-40 Taps.
- Phillips and Allen Kit with No. 0 and No. 1 Phillips Blades and .050 in., .062 in. and .078 in. Allen Wrenches.
- Socket Wrench Kit with 5/64 in., 3/32 in., 7/64 in., 1/8 in. and 5/32 in. Socket Wrenches.

TRK-6 \$60.00

### Single End Spring Hook =



Essential for adjusting and installing springs on VCRs.

76-1564 \$1.49

### Multipurpose Tool Kit ===



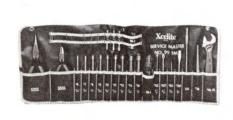
This user/operator oriented kit contains almost everything you will need. The case has a molded space for each tool, allowing a quick "inventory" check.

### Contents:

- Mini Philips Screwdriver
- Stubby Screwdriver
- Slip Joint Pliers
- Wire Stripper
- Long Nose Pliers
- 1/4 in. Nut Driver
- Small Screwdriver
- #1 Phillips Screwdriver
- Adjustable Wrench/Spanner
- 10 ft. Metric/Conventional Tape Measure

TKX-11 \$45.30

### Service Master =



Versatile 23-piece set of quality tools in a durable, roll-up plasticcoated canvas case. Weighs only 2 3/4 lbs. Provides a variety of quick-change tools and tool combinations to speed up assembly and service work.

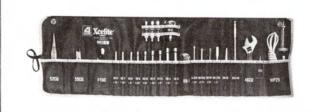
#### Contents:

- 6 in. Long Nose Cushion Grip Plier
- 5 in. Diagonal Cushion Grip Plier
- 6 in. Thin Cushion Grip Adjustable Wrench/Spanner
- Regular Handle
- Stubby Handle

- 9 Regular Nutdrivers
- 3 Stubby Nutdrivers
- 2 Phillips Screwdrivers2 Slotted Screwdrivers
- Reamer
- Extension Blade

99SM \$79.50

### Service Master - With Soldering Iron =



Kit is identical to the 99SM with the addition of a soldering iron, tip and wire stripper.

99SMW \$104.00

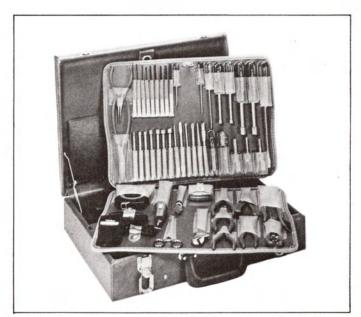


#### Contents:

- 2-Handles (Regular and Tee)
- 1-Handle Extension
- 9-Allen Hex-Socket Type Blades
- 7-Hex Nutdriver Blades
- 2-Slotted Screw Blades
- 2-Phillips Screw Blades
- 1-Reamer
- 1-Seizer (Forceps)
- 1-Adjustable Wrench
- 1-Midget Slip Joint Plier

- 1-7" Utility Plier 1-Long Nose Plier 1-4" Diagonal (Cutter)
- 1-5" Diagonal (Cutter)
- 1-5 ½" Needle Nose Plier 1-Chain Nose Plier (8")
- 1-Electronic Snips
- 1-Wire Stripper
- 1-Knife

- 6-Slotted Screwdrivers
- 1-Phillips Screwdriver
- 1-XL-75 Offset Ratchet Screwdriver
- 1-600 Combination Dual Nutdriver Handle
- 2-Hollow Shaft Nutdrivers
- 2-Magnetic Nutdrivers
- 1-WP 25 Soldering Iron 1-RC-60 Rosin Core Solder
- 1-10 ft. Tape
- (includes metric scale)
- 1-Case



TC-150-ST \$356.00

### Professional Attache Tool Set

The largest and most complete service kit available. It provides the technician with professional tools capable of doing any video job. Comes in an attractive, tough, chestnut brown attache case (191/2 in. X 13 1/2 in. X 6 3/4 in.)

#### Featuring:

- Removable 3-panel, hinged pallet and tray outfitted with transparent plastic pocket tool holders.
- Solid brass locks, latches and hardware.
- Partitioned bottom compartment for other tools.

### Contents:

Interchangeable Screwdrivers, Nutdrivers, Tools & Handles

- Regular, straight and Tee Ratchet Handles
- 2 Extensions
- 9 Bristol 6-Flute Multiple Spline Blades
- 9 Allen Hex-Socket Type Blades
- 4 Slotted Screw Blades
- 3 Phillips Screw Blades
- Reamer

#### Screwdrivers

- 12 Slotted
- 4 Phillips
- 2 Hex Socket

### Pliers, Wrenches, Cutters

- Straight Nose Seizer
- Adjustable Wrench/Spanner (6 in.)
- Midget Slip Joint Plier (5 in.) Long Nose Plier (6 1/2 in.)
- Utility Plier (7 in.)
- 2 Diagonal Pliers (4 in. X 6 in.)
- Needle Nose Plier (5 1/2 in.)
- Chain Nose Plier (8 in.)
- Electronic Snips
- Wire Stripper/Cutter
- Electrician's Knife



#### Sets & Kits

- M-60 Mini Drivers
- Offset Ratchet Screwdrivers
- Combination Dual Nutdriver Handle
- Dual Reversible Screwdriver Blade

### Nutdrivers

- 8 Hollow Shaft
- 2 Magnetic
- 10 Compact Convertible Drivers
- Torque Amplifier Handle
- 1 Case

TC-100-ST \$440.00





#### Screwdriver Set

Contains five slot tip screwdrivers (3/32 in., 1/8., 5/32 in., 3/16 in., 1/4 in.), three Phillips screwdrivers (#0, #1, #2), torque handle.

PS88 \$13.50

### **Nutdriver Set**

Contains 10 color coded nutdrivers (3/32 in. thru 3/8 in.), torque handle.

PS120 \$17.00

### Metric Hex Socket Screwdriver Set

Contains eight drivers (hex sizes, .89mm, 1.27mm, 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm), torque handle.

PS-90MM \$14.25

#### Screwdriver/Nutdriver Set

Contains two Phillips screwdrivers (#1, #2), three slotted screwdrivers (1/8 in., 3/16 in., 1/4 in.), five nutdrivers (3/16 in., 1/4 in., 5/16 in., 11/32 in., 3/8 in), torque handle.

PS130 \$17.70

### **Metric Nutdriver Set**

Contains 10 drivers (hex sizes, 3mm, 3.5mm, 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 10mm), torque handle.

PS-121MM \$21.00

#### Screwdriver/Nutdriver Set

Contains two nutdrivers (1/4 in., 5/16 in.), two slot tip screwdrivers (3/16 in., 3/32 in.), two Phillips screwdrivers (#0, #1), torque handle.

PS7 \$10.50

#### Allen Driver Set

Includes 8 different Allen drivers and torque amplifier handle and case.

PS-89 \$12.60

### Miniature Screwdriver Set

Consists of 6 in. "minidrivers" with jeweler's-type slotted and Phillips screwdriver blades molded in color-coded plastic handles for precise, detailed work, a black torque amplifier handle. Ideal for tightening loose knobs in VTRs.

M60 \$6.25

### Alignment Tool Kit

Consists of 6 of the most useful alignment tools for making adjustments on TV monitors and receivers.

AK-6 \$4.95

#### **Zipper Tool Case**

Keep all those loose tools organized in this compact durable tool case. Features:

Pouches and pockets for screwdrivers, nut drivers, all wrenches, pliers, wire cutters, soldering iron etc. Heavy-duty leather grained vinyl with metal zipper.

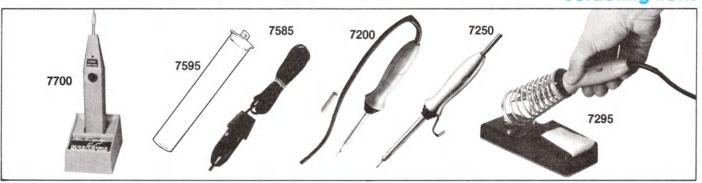
ZTC-2 \$39.95

### **Tool Pallet**

Display up to 27 tools in this convenient tool organizer. Can be mounted on a wall or work bench and fits conveniently in an attache tool case. Made of one piece urethane.

NEW TP-27 \$19.95

### Soldering Irons



#### ISO-TIP Cordless Quick Charge Soldering Iron Kit

The ISO-TIP has three distinct advantages for video users: 1) Reaches soldering heat in seconds; 2) Can be used on remotes because of the battery power; and 3) There is no cord to get in the way when working on printed circuit boards \$35.00

#### Contents:

ISO-TIP Quick Charge Industrial Cordless Soldering Iron, separate recharging stand, one 7535 heavy duty tip. Recharges in 3-41/2 hours.

Clear see-through plastic tube with locking cap designed for GREATER SAFE-TY in tool box, servicemen's kit or tool pouch.

7595 \$1.05

#### 12 Volt Auto Charger

Plugs into conventional cigarette lighter receptacle to charge ISO-TIP in the field. Packed in #7595 protective carrier. Recharges in 12-16 hours.

7585

\$3.25 ea.

### 50 Watt Temperature-Controlled Soldering Iron

This production quality iron features temperature control within +/-2%, and reaches operating temperature within 45 seconds. Only one tip is needed for complete 200 C to 400 C (400 F to 750 F) temperature range. Lightweight and balanced, the thermostat, temperature adjustment and indicator lamp are all within the stay-cool handle.

7200 \$39.95

### 27 Watt ISO-TIP Soldering Iron

This professional 27 watt soldering iron has a unique "feel" that no photo can adequately depict. An indicator light in the handle glows when unit is plugged in. Includes one #7235 tip.

7250 \$17.50

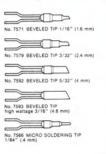
#### Safety Stand

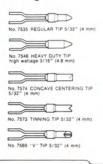
For 7200 and 7250 soldering irons.

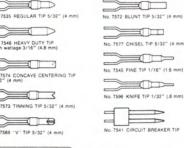
7295 \$12.95

### Soldering Iron Tips

### Iron Tips for 7700 Soldering Iron







\$5.25

### Accessories for 7700 Soldering Iron

Carrying Pouch (hangs on belt, holds iron & extra tips) PC Drill Attachment	7598 6500	\$7.45 12.95
Drill Bit	6550	1.25
Quick Charge Replacement Batteries (2 cells assembled) Replacement Bulb	0040 0168	10.50
neplacement build	0100	./(

### Iron Tips for 7200 and 7250 Soldering Irons

\$4.00 ea.



### Multicore 60/40

This is fine-quality Multicore Solder, 60/40, 18 gauge (.048") rosin core flux, formulated for electronic work.

No. 7556 TUNER EXTENSION TIP 1/16" (1.6 m

EZ-100 14' in an easy dispensing tube \$2.75 ER-220 Shop size - 100' \$6.95

**Desoldering Bulb** 

AC-303P \$4.65

#### Solder Wick

Wick quickly desolders component leads. Simply place solder wick on defective connection, apply iron to wick for a second, then remove wick and iron simultaneously. Wick is supplied on a special reel dispenser.

AA \$2.25

#### **Emergency Solder**

This self-fluxing tin/lead solder tape melts with a match for quick on-the-spot repairs. A must for emergencies.

> **ES36** \$1.50

### Solder and Accessories





### Panavise - The Third Hand =



The next best thing to three hands when assembling or repairing cables, connectors or circuit boards is the right vise. Choose among the various different heads, bases and base mounts that best suit your requirements.

### Heads

#### Standard Head

Wide 2 1/2" (63mm) jaws open to 2 1/4" (57mm). Head is pressure diecast aluminum alloy, with steel and brass inserts. Hammertone gray/green finish. Replaceable Nylon Jaws.

303 \$17.95

#### Low Profile Head

Provides extremely low profile work positioning, especially when used with Model 305. Low Profile Base, Replaceable-steel Jaws.

304 \$19.95

#### **Fixturing Head**

Bolt or screw work directly to the smooth ground face—or attach jigs for repetitive work. Cast aluminum with steel stem for all bases. 3 3/8" (137mm) is diameter.

337 \$9.95

### Wide Opening PanaVise

Grip range to 6 1/2" (165mm). Reversible and replaceable pads are neoprene. These are ribbed on one side and a wide 'V' configuration on the other to firmly 'hold cylindrical objects. This multi-purpose vise has a matte black finish to reduce eye fatique.

366 \$18.95

### Self Centering Extra Wide Opening Head

Double action jaws provide fast opening and closing and support of heavy loads. Opens to a full 9". Ribbed on one side and 'V' grooved on the other, the 376's reversible jaw pads firmly hold cylindrical or odd shaped items. Fits all the Series 300 Bases.

	376	\$21.95
Replacement Jaws		
Nylon Jaws for 303/304 Head.	343	\$2.00
Grooved Nylon Jaws for 303/304 Head.	344	\$2.00
Plated Steel Jaws for 303/304 Head.	353	\$3.00
Deluxe Neoprene Pads for 366/376 Head.	346	\$2.50

#### Bases

Designed for either permanent installation or can attach to base mounts. Three lugs spaced 120 degrees apart provide maximum mounting stability. Overall height: 3 13/16" (97mm). Base diameter: 5" (127mm).

300 \$14.95

### **Low Profile Base**

Standard Base

Only 2 5/8" high for working close to bench surface. Can either be permanently installed or attached to base mounts.

305 \$14.95

### Vacuum Base

Attaches instantly and securely to any smooth, non-porous surface. Ideal for a variety of set-ups. Half turn of mounting lever attaches and releases powerful suction pad. Overall height: 3 3/8" (81mm). Base dimensions: 5" X 4 1/4"

380 \$22.95

#### Add Any Of These Base Mounts

Each is drilled and tapped to mount the Model 300 or 305 Base

Weighted Base Mount 5 lbs. (2.3kg) 308 \$16.95 Surface Plate Base Mount

10" X 10" (254mm X 254mm) 10 lbs. (45kg) 310 \$47.95

### Bench Clamp Base Mount

Securely clamps to the edge of a work bench or counter. Attaches with a clamp screw which opens to a maximum 3 1/2" (89mm).

311 \$19.95

#### Tray Base Mount

Portable and stable with six slip-stopping neoprene feet. Six individual trays molded into base mount to conveniently store small parts right where you need them. 8 1/2" (216mm).

312 \$13.95

### Circuit Board Holder

Holds p.c. boards exactly where you want them. Spring loaded arm for quick board changes. V grooves for boards to 5/32" (4mm) thick. Second set of lateral grooves near tip ends for exceptionally small p.c. boards and small electronics parts. Standard model holds p.c. boards up to 12" (305mm), Cross bars up to 30" (762mm) and extra arms are available for multiple board use.

315 \$19.95

#### Solder and Iron Holders

A combination of sponges, solder holder and iron holder. Attach with screws provided to Base Mounts 308 or 312. For right or left handed use. Can also be used free-standing, bench or wall mounted.

371 \$5.95

# VIDEO MAINTENANCE SUPPLIES

### Video Recorder Maintenance Kits

#### Professional VCR/VTR Maintenance Kit

Tape heads (video, audio, erase and control track) and guides should be cleaned every 30 to 40 hours of running time for optimum image and sound quality. Kit contains all the items necessary to maintain VCRs/VTRs to professional standards. Supplied in convenient carry-along storage box.

#### Contents:

- 1 each CVS-108 8 oz. can Professional Video Head Cleaning Fluid 1 each FGJB 6 oz. Dust-Off
- 25 each CVS-505 Cellular-Foam VCR Cleaning Swabs
- 10 each CVS-504 Professional Video Head Cleaning Tools
- 10 each CVS-508 Lint-Free Cloth Wipes
- 1 each CVS-506 Inspection Mirror With Light
- Instructions



CVS-10K \$39.95

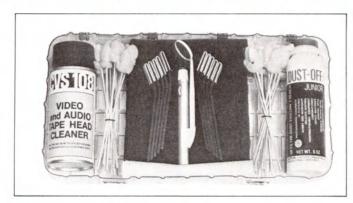
"Quick-Clean" VCR Head Cleaning Kit

Economical way to remove accumulated oxides, dust deposits and other abrasive contaminants from VCR tape path which can impair machine performance and damage expensive video heads

#### Contents:

- 10 each CVS-505 Cellular-Foam Cleaning Swabs
- 1 each CVS-125 1 oz. Head Cleaning Fluid

CVS-11K \$6.95





### IMPORTANT NOTE:

NEVER clean video heads with cotton swabs or other lint or debris producing materials. Serious damage to heads may result.

### Professional Video Head Cleanina Fluid

- Removes impacted dirt, grease and oxide build-up from tape heads, capstans, guides, and rollers
- Professional trichlorotrifluoroethane formula
- Evaporates instantly leaves no residue
- Safe on plastics, rubber, elastomers
- Non-conductive, non-flammable

1-11 \$2.50 CVS-125: 1 oz. Bottle Head Cleaning Fluid CVS-108: 8 oz. Can Head Cleaning Fluid Eco-5.50 nomical size for technicians and professional video users.

CVS-200: 16 oz. Can Head Cleaning Spray For hard to reach applications.

12+ \$2.25 4.95

> 5.95 5.36



### Professional Video Head Cleaning Tools

#### **Head Cleaning Tools**

Designed for safe effective removal of contaminants from heads and drums. Sturdy, angled tool covered with professional non-shedding chamoistype material. Lint-free cleaning surface overlaps tool, eliminating possibility of contact between tool handle and delicate video heads. Pkg. of 10. 12+ 1-11

CVS-504 \$12.50 \$11.25



Cellular-Foam VCR Cleaning **Swabs** 

Lint-free swabs designed for use on VCR tape guides, capstans, pinch rollers, heads. etc. Optimum scrubbing action and fluid retention. Nonabrasive. 5¾" long. Pkg. of 25. 1-11 12 +

> CVS-505 \$6.95 \$6.26





### **VIDEO MAINTENANCE SUPPLIES**

### Automatic VCR Head Cleaning Cassettes



### Non-Abrasive Cleaners For Beta and VHS Format VCRs.— Wet or Dry

Comprehensive's Automatic VCR Head Cleaning Cassettes employ a revolutionary new system whereby a special lint-free belt is employed to carefully remove accumulations of harmful contaminants from the video, audio, erase and control track heads, as well as tape guides, rollers and other surfaces in the tape path.

Simply insert cleaning cassette into VCR and activate play mode to automatically clean the entire tape path. Worry-free maintenance.

**NOTE:** May be used "**wet**" by depositing drops of head cleaning fluid (supplied) into self-contained reservoir prior to insertion - or "**dry**" on VCRs fitted with moisture-sensitive lock-out circuits.

HEW

CVS-BHC Beta Format \$29.95 CVS-VHC VHS Format \$29.95

### "Dust-Off Systems"



#### **Professional Dust-Off**

Don't let airborne particles and dust constantly interfere with and degrade your delicate video equipment. This professional dusting system includes a long-lasting 32-oz. air canister, a 6-ft. extension hose, and a special variable velocity nozzle and trigger mechanism. A bracket firmly holds the can in place on a countertop or wall. Ideal for use in busy service facilities, dubbing centers, editing rooms, control rooms, or wherever maintenance is done. "Dust-Off" offers a very effective system for blasting oxide particles, dust and lint away without a trace of residue or moisture.

FG-PRO Pro Dust OFF Kit \$59.95 \$53.96 FGR-PRO Pro Dust OFF 32 oz. Refill \$14.95 \$13.46

#### **Dust-Off**

Equipped with variable velocity nozzle which is easily rerounted on a new 12-oz. refill can.

FG Gun with 12-oz. can \$24.95 \$22.46
FGR Refill 12-oz. can \$5.95 \$5.35

### **Dust-Off Junior**

6 oz. unit, completely disposable. Complete with nozzle extension.

**FGJB** 6 oz. can  $\frac{1-47}{\$5.95}$   $\frac{48+}{\$5.35}$ 

#### Pocket Dust-Off

Compact 3 oz. unit, completely disposable.

**FGP** 3 oz. can  $\frac{1-35}{$3.50}$   $\frac{36+}{$3.15}$ 

#### Flexible Dust-Off Nozzle:

Flexible 2 ft. heavy-duty extension tube. Allows operator to direct the air blast to the most inaccessible areas within the machine. Fits FG and FGJB units.

FGN \$5.95

### Stat-Off Adapter

For the ultimate in dust removal. Deluxe Stat-Off Adapter provides an ion-charged blast of air to hinder the resettlement of particles due to static attraction. Fits easily on the Dust-Off Nozzle (FG).

**FSOA \$19.95** 

Comprehensive

VIDEO PSUPPLY CORPORATION

Perfect for cleaning "noise" and corrosion from switch contacts in video equipment. Removes oxidation and dirt. Non-conductive, residue-free. Safe for use on plastic. Contains no silicon lubricants. 1-11 12 +

CVS-230 16 oz. \$5.95 \$5.36

Plastic, Metal & Glass Cleaner

Specially formulated to keep your video equipment looking like new. Ideal for use on TV monitor screens, VTR top plates, equipment housings, etc. 1-11 12+

CVS-260 16 oz. can \$4.25 \$3.83



VIDEO MAINTENANCE SUPPLIES

### Swabs

Cotton Swabs

Surgical cotton swabs for cleaning out-of-the-way areas. 53/4" long.

1-11

12+ CVS-502 Pkg. of 100 \$2.49 \$2.24



Lint-Free Wipes

Perfect for cleaning a variety of critical surfaces where debris must not be left behind. Disposable. Approx. 5 in. × 8 in.

> 1 - 7172 +

LW 240/Box \$2.25 \$1.91



Cloth Lint-Free Wipes

These high-quality cloths combine the strength and lintfree characteristics of polvester with the excellent liquid retention of cellulose to form a durable multi-purpose wiping cloth. Soft enough to ensure non-abrasive cleaning of a VCR tape transport, TV monitor screens and other sensitive surfaces.

CVS-508 10 +1-9 100/Pkg \$14.95 \$13.46



NEW

Inspection Mirror

Angled inspection mirror designed for viewing the hidden areas within your video equipment

CVS-507 \$2.95



HEW

Inspection Mirror with Light Handiest product ever invented for inspecting video re-

corders. A dental-type mirror is attached to a small flashlight illuminate hard-to-see areas. Supplied with batteries.

CVS-506 \$11.95



Demagnetizer

### **Professional Tape Head Demagnetizer**

Tape heads develop residual magnetic build-up during use. This accumulation has an adverse affect on performance causing increased hiss and loss of frequency response. Demagnetize tape heads every 15 to 20 hours of running time to maintain top performance.

Powerful 290 gauss field intensity ensures complete demagnetization of all types of magnetic tape heads. Rugged construction and thermal protection circuit ensure years of trouble-free professional service. Probe covered with soft plastic material to prevent damage to delicate head surfaces. UL and CSA approved. HD-3 \$34.95



SUPPLY CORPORATION

### Pag Power Products

**PAG POWER LTD**'s professional NiCad battery belts, power packs and fast chargers are available EXCLUSIVELY from Comprehensive. PAG products widely recognized as the world's finest for broadcast

applications, are used and recommended by Ampex, Fernseh, Hitachi, JVC, Philips, RCA, Sony, and many others.



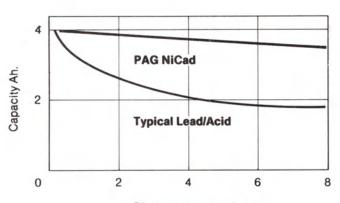
### Why choose a PAG Nickel-Cadmium battery?

Because no others combine such a high power/weight ratio with:

- Very long cycle life 10 times that of lead/acid, gel/cell or silver batteries;
- Maintenance-free storage with an indefinite shelf life in any state of charge;
- High capacity at high load see comparison with lead/acid in diagram;
   Reliable performance at extremes
- Reliable performance at extremes of temperature.

**PAG** batteries offer the substantiallylower cost-per-cycle of nickel-cadmium cells compared with any other type of rechargeable cells.





Discharge current Amps.

Decrease of capacity of NiCad and Lead/Acid batteries as discharge current is increased. (Nominal 4Ah batteries at room temperature).

- NiCad Cells. Constructed exclusively for power belt use and are the finest available. They maintain full capacity and voltage even at high discharge rates. Each rechargeable nickelcadmium cell is constructed of strong steel and incorporates self-sealing safety vents.
- Electrical Connections. Welded nickel strips with a flexible flat "loom" for continuity between cell pockets. No wires to break or weaken, no matter how the belt is flexed or abused.
- Safety. No other fast-charge power belt has thermal cut-out protection on every pair of cells.

### Broadcast Pagbelts

### Best engineered, safest, most reliable Broadcast power belts available anywhere.

- 1. Deep molded top quality chrome leather case
- 2. Harness-hide waist strap
- 3. Heavy-duty plated buckle
- 4. Protected input/output panel with electrical safety shutter
- 5. LED high-intensity charging indicator
- 6. Output fuse and spare
- 7. High-impact plastic inner cell case
- 8. 4, 7 or 12Ah fully sintered sealed nickel-cadmium cells
- 9. Spot-welded nickel inter-cell connecting strip
- Unique laminated loom incorporating soft-copper strips for high flexile strength
- Special extra-flexible wire connected to cells
- 12. Light-weight overnight charger
- 13. Protective, plastic-coated fabric liner

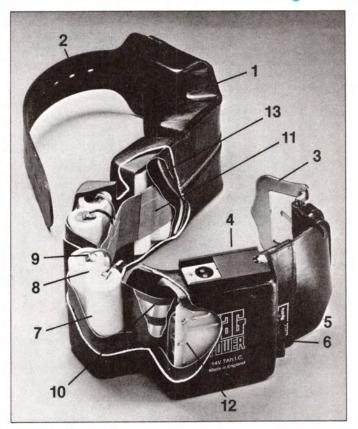
**PAGBELTS** are available in 7, 12, 14, 16, 24 and 30 volts, 4, 7 and 12Ah capacities and include a built-in overnight charger. Suitable for fast-charging with **PAG's SPEEDCHARGE 6000** system.

#### Pagbelts (With Internal Overnite Charger)

	Model No.	Voltage	Rating	Wt. (lbs.)	Price
	9203	12V	4 AH	51/4	\$ 650.00
	9205	14V	4 AH	53/4	739.00
	9210	30V	4 AH	12	1,190.00
	9211	12-0-12V	4 AH	91/2	1,180.00
	9253	12V	7 AH	73/4	879.00
	9255	14V	7 AH	53/8	989.00
HEW	9260	30V	7 AH	141/2	1,599.00
	9273	12V	12 AH	15	1,395.00

**PAGBELT to Video Equipment Interconnect cables.** Each unit requires a cable to connect the recorder or camera to the belt.

**Standard Cable,** with 4 pin plug mating with power belt, other end open for connector of your choice. **PC-1 \$20.00** 



**Custom Cable,** as above, but with special connector, to mate your equipment. Please specify model number of your unit.

PC-2 \$54.00

\$895.00

SC-6000

(Except RCA TK-76 \$125.00)

Please call our Technical Service Desk for assistance in selecting the proper PAGBELT for your video gear.

### SPEEDCHARGE 6000

### PAG LOOKS AT YOUR BATTERY 240 TIMES EVERY SECOND.

**PAG's** microprocessor-controlled **SPEEDCHARGE 6000** will safely fast-charge NiCad battery belts and pacs, even those not originally designed for fast charging.

Until now, it has been necessary to add sensors to the cells (with accompanying electronics) when fast-charging NiCad batteries. **PAG's** new microprocessor-controlled **SPEEDCHARGE 6000** is able to use each cell as its own sensor, thus avoiding battery complexity and added cost.

- SPEEDCHARGE 6000 will charge all PAG, Comprehensive, and most professional-grade nickel-cadmium batteries with capacities of 2.0Ah to 12Ah and nominal output voltage of 10 volts to 15 volts.
- Microprocessor continuously monitors battery during charging to determine battery performance and state of charge.
- Battery being charged powers control and safety circuits in the event of power failure.
- Revitalize mode rebalances and reconditions batteries



which otherwise would be discarded.

- Modular software designed to offer compatibility with new types of batteries as they become available.
- Crystal controlled fail-safe circuitry.
- Automatic AC power voltage selection (110-240V).
- Fast charge and slow charge functions.

Comprehensive

VIDEO PSUPPLY CORPORATION

47

### Comprehensive Power Belts

High-quality battery belts for industrial and educational video users. Manufactured in England by PAG POWER to our exact specifications, these belts are an economically-priced alternative to broadcast-type power belts, while maintaining performance standards that are second to none.

#### Features:

- Extremely durable leather belt and cell pocket construction
- Highest-quality American-made NiCad cells
- Built-in safety features to protect the operator and equipment
- Flexible loom cell-to-cell continuity to withstand abuse
- Simple trouble-free operation



The Comprehensive Power Belt is available in two popular overnight-charge models.

Model No.	Voltage	Rating	Price
CPB-124	12V	4AH	\$349.00
CPB-127	12V	7AH	\$499.00

NOTE: If you require other configurations, see our broadcast-quality PAG belts on page 47. Each unit requires a cable to connect the battery belt to the video gear.

PC-3 powercord from CPB to bare leads \$20.00 powercord from CPB with proper connector\* \$54.00

\*Please specify model number of your video equipment.

### **Application Note:**

**Operating Time:** Operating time is estimated by dividing the current consumption of the device into the amperehour (AH) rating of the Powerbelt pak. If the current consumption is 3 amps or lower, divide into the 10 Hr. Rating. If the current consumption is above 3 amps divide into the 1 Hr. Rating. Operating time for video equipment ranges from 90-210 minutes with a 4AH PAG-POWER BELT.

### **Powerbelt Cell Rating**

D Cell 4AH 3.6AH 6.3AH

### Example:

# Battery Amp Hour Rating (AH) Device Current Consumption (amperes)

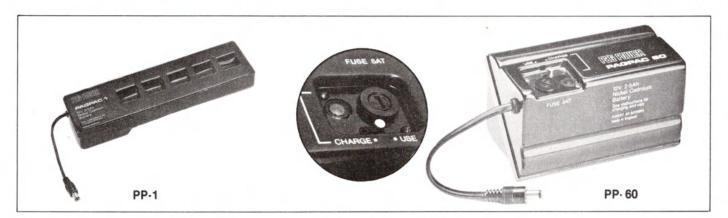
$$\frac{4AH}{0.4 \text{ amp.}} = 10 \text{ hrs.} \qquad \frac{3.6AH}{3.6 \text{ amp.}} = 1 \text{ hr}$$

If the power rating of the device is expressed in "Watts", divide its battery voltage into the "Watts" to find the current consumption in amperes.

$$\frac{24 \text{ Watts}}{12 \text{ Volts}} = 2 \text{ amperes}$$



Pagpacs



### **On-Board Ni-Cad Replacement Batteries**

These rechargeable batteries far exceed the specifications of the original equipment manufacturers of portable video gear. Because of their extremely long life, NiCads are being used extensively to replace the OEM lead/acid or gel/cell batteries which often suffer from short lifespans, low current ratings and poor reliability. The proprietary protection circuit built into each PAGPAC allows them to be charged with the AC adapter/battery charger supplied with your video gear. PAGPAC's are the choice of professionals world-wide because of:

- 10 times longer life (1000-1500 charge cycles)
- Longer running time 10% greater capacity higher AH rating
- Constant voltage throughout operation exceptional reliability
- Rechargeable with manufacturer's charger by unique constant current control circuit
- A light indicator and switch for charging and use modes

- Fused to prevent damage to cells
- Spot welded collars to ensure mechanical strength
- High-impact plastic protective case
- Light-weight (typically 20% less than OEM type)
- Stores safely and maintains charge while on shelf

PAGPAC Model No.	OEM Model No.	Application	Price
PP-1	JVC (PBP-1)	JVC HR-4100, CR4400	\$199.00
	Panasonic (LCR-3012)	Panasonic PV220 NV9400	0,
PP-60	Sony (BP-60)	Sony SLO340, DXC1610, DXC16 DXC1800, VO480 SL3000	640,

Pagpac 90

High-quality direct replacement for the SONY BP90 Ni-Cad battery used in SONY Broadcast video equipment. The **PAGPAC 90** far exceeds Sony's specifications.

The higher-capacity 12V 4AH PP-90 maintains its rating at typical discharge loads and exceeds the BP-90 in field and lab tests. It features a quick change cartridge fuse with a spare fuse accessible without opening the unit. The PP-90 features the same quality construction of the other **PAGPACS** and can be fast charged with the Sony BC210CE charger or the PAG Speed Charge 6000.

PP-90 \$249.00 NEW Low Price



### Pag Hipacs =



connect cables.

PAG's HIPAC batteries meet today's demand for high-capacity battery packs which are easily transportable but rugged enough for field use.

CELLS Made to military specifications, light-weight, high-capacity, long cycle-life. Capable of delivering exceptionally high levels of current when required. Cells are square for good packing density and fit insulating spacers to allow between-cell ven-

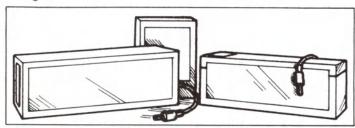
INTERNAL CHARGES Fully recharges drained batteries overnight (14 hours). May be plugged into A.C. outlets anywhere in the world for charging; adjusts automatically to the correct voltage (110/120 or 220/240).

CONSTRUCTION Battery is contained in attractive plated-steel case with organosol finish, designed for easy lifting. Cells arranged in insulating spacers within strong plated steel chassis to guide ventilating air-flow around each cell. Chassis with cells can be removed from the outer case as one block. Lid of case (with handle) has panel fitted with fuse, indicator light, power input socket, and battery output socket. Sockets are shuttered for safety; only one can be in use at a time.

	Model No.	Voltage	Rating	Wt. (lbs.)	Price
	1212	12V	12AH	62/3	\$1,495.00
	1412	14V	12AH	72/3	1,595.00
HEW	2412	24V	12AH	121/3	2,295.00
	3012	30V	12AH	141/3	2,695.00
KEW	1218	12V	18AH	11	2,295.00
HEW	1418	14V	18AH	121/3	2,595.00

### On-Board Lead/Acid Replacement Batteries

These quality batteries are direct replacements for the OEM on-board VCR and camera batteries. They re-charge with the original manufacturer's charger or with the optional CBC-12 Battery Charger.

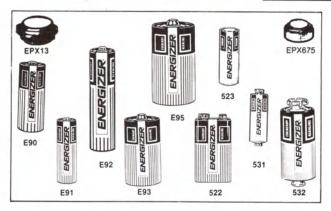


Everead	y Alkaline	<b>Batteries</b>
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Replaces	Application	Price
Sony BP-60	Sony SLO340, VO4800, DXC Series Cameras except DXC-1600	\$65.00
JVC PBP-1, Panasonic LCR30112VBP	JVC HR4100, CR4400, NV8400, 9400	\$59.00
Panasonic LCR1812P	Panasonic NV8410, PV3100, 3200, 4510	\$49.00
	Sony BP-60  JVC PBP-1, Panasonic LCR30112VBP Panasonic	Sony BP-60 Sony SLO340, VO4800, DXC Series Cameras except DXC-1600  JVC PBP-1, Panasonic LCR30112VBP  Panasonic Panasonic NV8410,

12V Battery Charger - Designed to charge the above replacement batteries.

CBC-12 (for CBP-60)	\$85.00
CBC-12-1 (for CBP-1 and CBP-1812)	\$85.00



Model No.	Size/Voltage	Price
EPX13	1.35V	\$2.00
E90	Photo & Mike 1.5V	1.10
E91	"AA" Alkaline 1.5V	1.10
E92	"AAA" Alkaline 1.5V	1.10
E93	"C" Alkaline 1.5V	1.45
E95	"D" Alkaline 1.5V	1.45
522BP	"Trans" 9V Alkaline	2.85
523	Photo & Mike 4.5V	3.20
531	Photo & Mike 4.5V	3.20
532	Photo & Mike 3.0V	3.00
EPX675	1.35V	2.00

We do not carry carbon batteries because they are uneconomical, compared with alkalines, and really are intended for consumer products (radios, pocket calculators, etc.) and not for the strain of heavy-duty use in professional audio and video equipment.

### Multiple Outlet Power Strips - UL Listed

Power strips allow greater flexibility to power your video equipment safely without the expense of an

> •= ۹\_ •= •=

**PS4S** 

Four Outlet Strip • 15 Amp circuit-breaker • On/Off switch • 6 Ft. power cord

PS4S \$27.50

electrical contractor. Each power strip is UL and CSA approved. Circuit-breaker protected.

aB aB aB aB

MEW

PS4ISP

Individually Switched Multiple Four Outlet Strip • 15 Amp circuit-breaker • Individual lighted switches • Pilot light • 15 Ft. power cord

PS4ISP \$50.00

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PS<sub>5</sub>

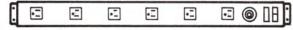
Five Outlet Strip • 15 Amp circuit-breaker • 6 Ft. power

PS5 \$19.50

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PS6SP Six Outlet Strip • 15 Amp circuit-breaker • On/Off switch • Pilot light • 15 Ft. power cord

PS6SP \$37.50



PS6SP-RM

Rack-Mount Six Outlet Strip • Back panel mounted • 15 Amp circuit-breaker - front panel mounted • On/Off switch - front panel mounted • Pilot light - front panel mounted • 6 Ft. power cord

PS6SP-RM \$52.50



MEW

PS8S-48 Eight Outlet Strip • 4 Ft. long (for horizontal equipment tables and verticle shelves) • 15 Amp circuit-breaker • On/Off switch • 6 Ft. power cord

PS8S-48 \$52.50

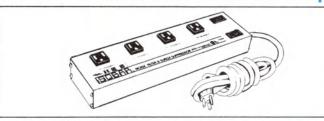
### Line Isolation Power Strip

Protect your investment and safeguard your video production. Your valuable video equipment (camera, recorder, monitor, editing systems, video processing devices, etc.) is sensitive to energy spikes/surges and line noise.

### The IPS4SP eliminates:

- AC line noise
- Audio or Video "hash"
- Equipment interaction
- Equipment damage from power line spikes and surges
- Errors False printouts Disk skips

- 4 Standard 3-prong plugs 4 100 KHz to 200 MHz filters
- Inductively isolated grounds Sockets individually filter isolated
- Each socket isolated from power line



- On/Off switch and indicator light
- 15A circuit breaker protection High voltage Spike Protection: 1000 A, 8/20 uSec; pro 1000 A, 8/20 uSec; protection from repeated spikes
- Load handling: 1875 W MAX. total load; 15A per socket Input: 125 VAC, 15 Amps; standard 3-prong plug

IPS4SP \$65.00

### Power Accessories



Power Line Monitor

Install between your AC outlet and video recorder to determine if voltage is fluctuating, or if there is a "brownout" situation. Accurate RMS readings even on distorted sine waves. Frequency range is 100-140 volts. A small investment to protect expensive video equipment.

WV-120B \$49.95



Circuit Tester

Check grounded outlets quickly for wiring faults - open ground or hot wires, reversed polarity, etc. The compact Circuit Tester contains 3 indicator lights to reveal the condition of an outlet without probes, meters, or inconvenience. UL approved.



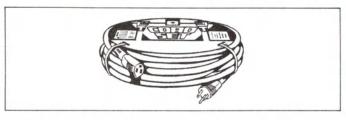
**Adapter Plug** 

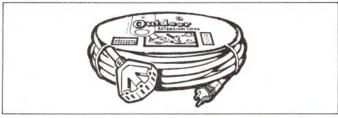
Grounding adapter, 3 to 2 wire, unbreakable vinyl, 2/pkg UL listed. (Package of 2)

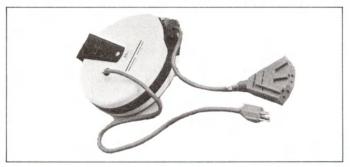
AC-A \$1.19



### **AC Extension Cords**







Even the most sophisticated electronic equipment is useless without power. Don't wait until you are desperate for an extension cord or extra outlet.

All cords are orange three conductor and carry a heavy-duty rating. UL and OSHA approved for indoor and outdoor use.

13708 13715 13825 13850	25 Ft. 50 Ft.	16/3 gauge 16/3 gauge 14/3 gauge 14/3 gauge	\$ 4.99 7.99 14.99 25.99
14000	100 Ft.	12/3 gauge	69.99

Extension	Cords	with 3-Way Power	Outlets
15106	6 Ft.	14/3 gauge	\$16.99
15125	25 Ft.	14/3 gauge	26.99
15150	50 Ft.	14/3 gauge	37.99
15200	100 Ft.	12/3 gauge	79.99

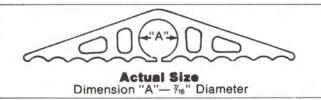
Power Reel with 25' Extension Cord and 3-Way Power Outlet. Convenient way to keep an extension cord with a multiple outlet neat, handy, and instantly available for use anywhere. Uses 16/3

#48925 \$74.95

### Cord Gard® - Electrical Cord Duct







Problem: How to eliminate tripping over all of those hazardous and unsightly electrical wires or video cables running across the floor.

**Solution:** Cord Gard<sup>™</sup> electrical cord duct.

A quick, inexpensive means of protecting and covering electrical cords. Cord Gard is made from attractive, neutral beige vinyl.

Use it anywhere cords are draped across the floor.

### Specifications

- Material vinyl
- Ribbed slots on the bottom prevent sliding on floor, (doubleface tape also provided)
- Dimensions 3 in. W  $\times$  9/10 in. H
- Will accommodate any wire or cable 7/16" diameter (equivalent to 14/3 SJT) or less.

Cord Gard <sup>™</sup> Model No.	Length	Weight	Price
G-6-BE	6 ft.	4 lbs.	\$13.94
G-15-BE	15 ft.	9 lbs.	\$29.95
G-50-BE	50 ft.	29 lbs.	\$89.95

### Comprehensive Power Inverters



### Dependable AC Power In The Field

The world's longest extension cord . . . Comprehensive's economical alternative to bulky, noisy and expensive generators. Reliable, solid state units invert 12 volts DC to a highly stable frequency-controlled 60 cycle AC. Ideal for use with frequencycritical applications (i.e., video recorders and cameras, test equipment, etc.)

Power Inverters are also available in standard version for general applications (i.e., TVs, low wattage lighting, etc.) providing an efficient compact AC power source in cars, trucks, vans, boats, recreational vehicles, ambulances, etc.

Model No.	Maximum Watts Continuous Output	Maximum Watts Intermittent Output
PV-250FC (frequency controlled)	250	275
PV-1000FC (frequency controlled)	1000	1100
PV-200 PV-400	200 400	220 440

(Frequency controlled, polarity protection and overload indicator. Easily and inexpensively adapted for remote on/off operation.)

- All solid-state. Inverts 12 volts DC to 117 volts AC
- Operates video tape recorders and cameras\*, TVs, lighting, test equipment\*, computers, appliances all from 12 volts DC
- May also be incorporated into a stand-by power supply for critical equipment
- Complete with AC outlet and on/off switch
- Connects to battery with standard heavy gauge wire
- Transistorized for quiet operation and long life

\*With FC-Frequency controlled models

Input Amp. No. Load	Size (Inches)	Weight Pounds	Price
1.5	3½ × 6½ × 9	13	\$219.00
3.5	$5 \times 10 \times 14$	32	\$499.00
3.5 3.5	$3\frac{1}{2} \times 6\frac{1}{2} \times 5\frac{1}{2}$ $3\frac{1}{2} \times 6\frac{1}{2} \times 9$	6 10	\$ 89.00 \$149.00

NOTE: Inverters not for use with compressor motors, refrigerators or air conditioners.

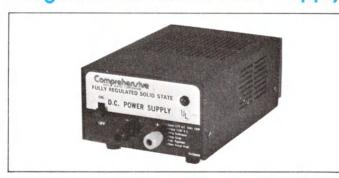
### Regulated 12 Volt DC Power Supply

When dependable AC power is available, then by all means use it. Don't worry about short-lived batteries with Comprehensive's 12 Volt DC Power Supply. A fully regulated power supply that precisely converts 117 Volts AC to 13.8 Volts DC  $\pm$ 1%.

### Specifications:

- Input 117V AC 60 Hz 100 watts
- Output 13.8V DC
- 3 Amps constant
- 5 Amps surge
- Fully regulated
- Fused with slow blow fuse and circuit-breaker for double protection.

PV12V \$34.95



### Car Battery Cord



Car Battery to VCR Adapter Cord

Operate your VCR from your car and extend recording and play-

The PC-12V features a car battery plug on one end and Din 4 pin or direct current plug on the other. 10 ft. long with 3 Amp. fuse, used on Panasonic, JVC, Quasar, RCA, Akai, etc. units.

VCR DC Input **Price** PC-12VA DIN 4 Pin \$9.95 PC-12VB Direct Current (3mm) 9.95



# **CASES**

### PROFESSIONAL "A.T.A." VIDEO EQUIPMENT SHIPPING CASES

The professional way to ship your valuable equipment. Rugged, dent-proof and virtually indestructible, these cases exceed "A.T.A." (Air Transport Association) standards for safe transportation of delicate equipment (i.e., YOUR VIDEO GEAR). Each case is custom-built to protect your specific equipment, with the right amount of structural support and high density unicellular foam padding. Because each case is of custom design and fit, unnecessary bulk is eliminated.

Please specify manufacturer and model numbers of your equipment, "A.T.A." case number and color selection when ordering.

Colors available: Grey, green, yellow, orange, red, beige, blue, black, and white.

Remember, good working video gear is the basis of any successful video project. Protect your investment. Providing cases for your present equipment should take precedence over the acquisition of additional hardware.

#### NOTE:

For specific cameras, recorders, monitors (or various combinations of video equipment) use the **case style code and specify model numbers and manufacturer of your equipment.** Our Customer Service Department will contact you with a price quotation. Prices for A.T.A. – spec cases range from \$100 to \$500 depending on size and specifications. If no color is specified, Blue will be shipped. Allow 3-4 weeks for delivery. FOB California.

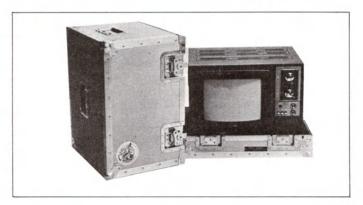


### Camera Shipping Cases

Style Code:

CX Camera, lens and view finder

Camera, lens, view finder and accessory compartment.



### **Monitor Shipping Cases**

Style code:

MX Monitor/receiver only

#### NOTE:

**Custom Shipping Cases** Fabricated to your particular specifications. Protect everything from lenses

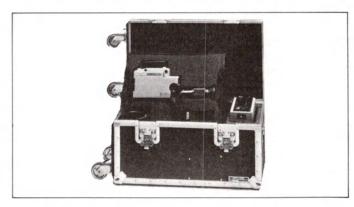


### **Video Recorder Shipping Cases**

Style code:

RX Recorder/player only (AC adapter incl. on portable units)

RA Recorder/player with accessory compartment



### Combination Shipping Cases - for portable VCRs and Cameras

Style Code:

RCA Portable VCR, camera and accessory compartment

to large screen projectors. Kindly submit drawing with layout and dimensions for proper construction of case.

See color photo on back cover.

### 19" EIA Rack-Mount

All cases incorporate front rack-mount channels using standard 13/4" spacing between holes.

Light-Duty (1/4" construction) 11" rackable depth

ID: 191/4" × 133/4"

Available from 2 to 14 rack-mount spaces (3½" to 24½")

**Light, Medium or Heavy-Duty** (1/4, 3/8, 1/2" construction)

18" rackable depth ID: 191/4" × 25"

Available from 4 to 27 rack-mount spaces (7" - 471/4")

Double-Wide Light, Medium or Heavy-Duty

2 side by side 19" racks with 18" rackable depth ID: 381/2" × 25"

Available from 2  $\times$  4 to 2  $\times$  16 rack-mount spaces (2  $\times$  7" to 2  $\times$ 28")

**Shock Mounted Cases** 

2 inch foam-lined light, medium or heavy-duty (innershell is ½") 18" rackable depth

ID: 191/4" × 25"





### **Double-Wide Rack-Mounted Shock Mounted Cases**

Same as above but 2 side by side 19" racks ID: 381/2" × 25'

Available from  $2 \times 4$  to  $2 \times 16$  rack-mount spaces ( $2 \times 7$ " to  $2 \times 16$ 18")

### Utility Shipping Case

1" foam-lined general purpose cases.

	Inside dimensions:	
ANV-1	$12'' \times 10'' \times 12''$	\$162.00
ANV-2	$18'' \times 12'' \times 18''$	\$217.00
ANV-3	$24'' \times 14'' \times 18''$	\$248.00
ANV-4	$30'' \times 16'' \times 18''$	\$280.00



### Adjustable Tripod Shipping/Carrying Cases

Ideal protection for tripods with heads and handles. These unique cases are constructed of high-impact plastic that is rugged and light-weight. The top and bottom are reinforced with plywood and covered with a protective layer of foam padding. Telescoping lid adjusts to the overall length of tripod and is secured with nylon straps and steel buckles. Offset handle creates comfortable balance for carrying.

	Inside				
	Height	61/2" Dia.	81/2" Dia.	10" Dia.	12" Dia.
CTC-2530	25 to 30"	\$ 88.00	\$100.00	\$112.00	\$129.00
CTC-3042	30 to 42"	100.00	112.00	123.00	140.00
CTC-4254	42 to 54"	105.00	117.00	129.00	146.00
CTC-5466	54 to 66"	112.00	123.00	135.00	153.00



NOTE: When ordering, specify case diameter in addition to model number. Be sure to measure tripod in fully collapsed position including the head. It may be necessary to remove the panhandles. The widest part of tripod (usually the head) should determine the diameter of the case.

### **Shipping Case Accessories**

\$29.00 **Combination Lock Casters** (set of 4, including casterboard) \$ 72.00 36.00 Regular Plate Mounted Key Lock **Deluxe Steel** 100.00 Lock Hasp - Large 36.00 Lock Hasp - Small 136.00 29.00 Deluxe Steel - 2 locking 2 non-locking Deluxe Steel - 4 locking 172.00



# CASES VCR BACKFRAME AND CAMERA SUPPORT SYSTEM

### Recorder Case



Custom designed to fit portable VCR precisely. Offers complete padded protection while allowing easy access to all controls. Constructed of %" polyethylene foam padding in a double layer of water-proofed Cordura® nylon. Heavy-duty zippers, industrial-grade velcro, and brass hardware are fitted throughout. Features include padded nylon shoulder strap, control cover, rainboot to protect cables, cassette access and battery access. Can be used separately with padded shoulder strap or attached to backpack frame via grommets.

Model No.	<b>Equipment Carried</b>	Price
C-50 C-50B C-100 C-110 C-150 C-170 C-340 C-500	Sony BVU-50 with LH Handle Sony BVU-50/CG-100 with LH Handle Hitachi HR100 with HB-20 Strap Sony BVU-110 with LH Handle RCA VDP-150/VEP-150, Hitachi VT-7000 RCA VFP-170, Hitachi VT-6500A Sony SLO-340, Sony SL-3000 Sony BVH-500, RCA TH-50 with	\$118.00 136.00 229.00 123.00 103.00 103.00 103.00 229.00
C-2000 C-2100	HB-20 Strap Sony SL-2000, Zenith Panasonic PV-2100/PV-2200, Quasar VH-5200, Magnavox 8250	106.00 103.00
C-2200 C-3000	JVC HR-2200 with LH Handle Panasonic PV-3000/NV-8410, PV-40000, Quasar VH-5300, Magnavox 8370,	106.00 106.00
C-3400 C-3800 C-3800B C-4100 C-4400	Sony AV-3400 DISCON Sony VO-3800, Sony BVU-100 Sony BVU-100 W/CG-100 JVC HR-4100/HR-4110 JVC CR-4400U, Panasonic NV-9400,	dle ITINUED 118.00 136.00 106.00 116.00
C-4400B	Hitachi SV-340 JVC CR-4400LU, RCA HR-1020,	130.00
C-4700 C-4800 C-5000	Ampex VPR-4400 JVC CR-4700U Sony VO-4800 with LH Handle Panasonic NV-8420	130.00 120.00 106.00
C-6200 C-7300 C-8400P	PV-5500/NV-8420 JVC BR-6200U Akai VP-7300 Panasonic NV-8400 and WV-3300CCU	118.00 106.00 118.00

### Backpack Frame/Recorder Case

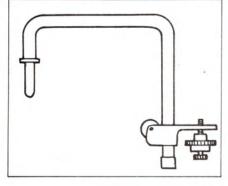


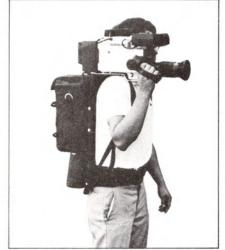
Carry video equipment comfortably on your back. Thickly padded shoulder strap and waist belt distributes weight evenly over hips and shoulders. Constructed of aluminum tubing for strength and lightness.

The basic system includes video recorder case and backpack frame.

Model No.	Equipment Carried	Price
T-50 T-50B T-100 T-110 T-150 T-170 T-340 T-500 T-2100	Sony BVU-50 Sony BVU-50/CG-100 Hitachi HR-100 Sony BVU-110 RCA VDP-150/VEP-150, Hitachi VT-7000 RCA VFP-170, Hitachi VT-6500A Sony SLO-340, Sony SL-3000 Sony BVH-500, RCA TH-50 Panasonic PV-2100/PV 2200, Quasar VH-5200, Magnavox 8250	\$272.00 290.00 368.00 277.00 257.00 257.00 257.00 368.00 257.00
T-2200 T-3000	JVC HR-2200 Panasonic PV-3000/NV-8410, Quasar VH-5300, Magnavox 8370	260.00 260.00
T-3400 T-3800 T-3800B T-4100 T-4400	Sony AV-3400 DISCON Sony VO-3800, Sony BVU-100 Sony BVU-100 W/CG-100 JVC HR-4100/HR-4110 JVC CR-4400U, Panasonic NV-9400, Hitachi SV-340	272.00 290.00 260.00 270.00
T-4400B	JVC CR-4400LU, RCA HR-1020,	284.00
T-4700 T-4800 T-5000	Ampex VPR-4400 JVC CR-4700U Sony VO-4800 Panasonic NV-8420, PV-5500/NV8420	284.00 274.00 260.00
T-6200 T-7300 T-8400P	JVC BR-6200U Akai VP-7300 Panasonic NV-8400 and WV-3300CCU	272.00 260.00 272.00

To build a complete ensemble, simply add appropriate camera mount arm and accessory case.





Camera	Mounting Arm	Camera	Mounting Arm	Camera	Mounting Arm	Camera	Mounting Arm
Akai		GC-4800U	PBX	WV-3300/3320	PBX	CC-011	SBX
65US	PBX	GX-33/66/77	PBX	WV-3600	SBZ	TK-76	SBY
Hitachi		KY-2000	SBZ	WV-3700	PBX	Sharp	
GP-5A	PBY	Magnavox (See also		WV-3800/3900	SBZ	QC-35	PBZ
3P-5	PBX	Panasonic		Quasar (See also		XC-320U	SBZ
GP-7	SBZ	and JVC cameras)		Panasonic cameras)		XC-530	SBZ
P-3030	SBZ	8241/8240	PBZ	VK-705/715/720/725	PBX	Sony	
P-3030G	PBZ	Panasonic		VK-71Q	PBY	AVC-3450	PBX
/KC-500	PBX	PK-200/300/600/700	PBX	VK-730	SBY	DXC-1600	PBX
/KC-750	PBX	PK-750	SBZ	RCA		DXC-1610/1640	SBX
		PK-800	SBZ	CC-002/004	PBY	HVC-1000	PBX
kegami (None) IVC		WV-2200/2210	PBX	CC-003	PBX	HVC-2000	SBY
G-31/71US	PBZ	WV-3100	SBX	CC-006	PBY	Toshiba	001
3C-3350	PBX	WV-3200	PBY	CC-007	SBX	IK-1610	SBY
GC-4400	SBZ	WV-3210	PBX	CC-010	SBX	11010	ODI
30-4400	SBZ	VV V-32 10	LDV	00-010	SDA		

### Accessory Cases

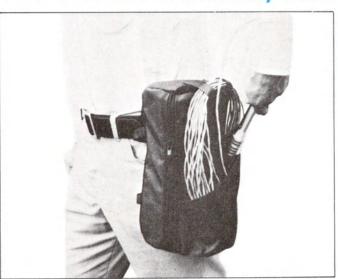
**Accessory Case -** Attaches to side of recorder case or may be strapped below the case on the backpack frame. Same padded nylon construction as the recorder case.



CA-L Fits large recorder cases \$39.00 CA-S Fits small recorder cases \$37.00

### AC Adapter & CCU Cases (attach to backpack)

Model No.	Equipment Carried	Price
AC-150	AC Adapter for RCA VDP/VEP-150	\$46.00
AC-340	AC Adapter for Sony SLO-340	46.00
AC-2100	AC Adapter/Tuner for Panasonic PV-2100/2200	46.00
AC-2200	AC Adapter for JVC HR-2200	46.00
AC-3000	AC Adapter for Panasonic PV-3000	46.00
AC-4400	AC Adapter for JVC CR-4400U	46.00
AC-4800	AC Adapter for Sony VO-4800	46.00
C-1600	Sony DXC-1600 CCÚ or Sony VO-3800 AC Adapter	46.00



### CASES

### VCR Backframe Accessories =



#### Wheelbase

Light-weight, collapsible, two-wheel cart designed to carry backframe systems with video equipment installed. The WB-2 features quick-release clampmounts for the backframe and may be folded into a compact package weighing less than 10 lbs. 12" semi-pneumatic wheels insure smooth, stable movement over any surface.

WB-2 \$80.00

WB-2 Shown with T-3800 and accessory case.

**Heavy-Duty Shoulder Strap** 

Durable 2" heavy-duty web belt with 2¾" W leather and felt pad. Attaches directly to all "C" series cases for considerable improvement in comport.

HB-20 \$25.00



### **Large Accessory Case**

Holds all your odds and ends (tapes, extra batteries, cables, etc.). Main compartment measures 5" × 11½" × 13", two-side pockets - 2½" × 6" × 11" and one front pocket - 2½" × 9½" × 12½". Use over the shoulder or install on backframe. Includes HB-20 shoulder strap.

LCA \$98.00

LCA Accessory Case shown with HB-20 Heavy-Duty Strap

#### Leather Handle

1/6" thick leather sewn over a nylon strap. Attaches directly to all "C" series cases. Excellent for portable VCRs that are not equipped with handles.

Leather handle 1/8" thick



LH \$8.00

### Video Carrying Cases ===



Video equipment "on the move" needs protection.

Unique aluminum-covered wood carrying cases provide maximum protection at the lightest weight and lowest price. While not specifically designed as shipping (freight) containers, they are perfectly safe to check through as baggage.

Protect your valuable video equipment from accidental damage. These cases will more than justify themselves by minimizing downtime and repair costs.

### CVC-300

For all portable Beta and VHS recorders with AC adapter. This case comes with a partition that allows you to use the same case with any of these video units. Maximum capacity: 19<sup>15</sup>/<sub>16</sub>" L × 15<sup>9</sup>/<sub>16</sub>" W × 5<sup>7</sup>/<sub>8</sub>" H. **CVC-300** \$139.95

#### CVC-400

For all VHS units and Beta Series II, Akai, GE, Hitachi, JVC, Magnavox, Curtis Methes, MGA, Montgomery Ward, Panasonic (consumer and industrial), J.C. Penney, Quasar (VHS only), RCA, Sylvania and others. Maximum capacity: 19<sup>15</sup>/16" L × 15<sup>9</sup>/16" W × 6<sup>5</sup>/8" H.

**CVC-500E THE EVERYTHING CASE.** This case comes with layers of foam that enable you to cut out and custom fit cameras, cables, power supplies, lenses, tape, etc., to suit your needs. Maximum capacity:  $19^{15}/_{16}$ " L  $\times$   $15^{9}/_{16}$ " W  $\times$  6%" H.

CVC-500E \$139.95

Outside dimensions of above cases (not including hardware):  $21\frac{1}{4}$ " L  $\times$  17" W  $\times$  7\%" H. Weight  $10\frac{1}{2}$  lbs.



The ultimate combination of convenience and protection for portable VCRs.

Comprehensive's VID-PACK protects your VCR and improves efficiency. Specially designed fittings permit easy access to all connectors, controls, cassette and battery compartments. Adjustable padded straps distribute weight evenly. VID-PACKs fit all the latest models VHS portable VCRs.

#### Features:

- Heavy-duty vinyl coated, water repellent Fully padded and lined
- Firm protective back and bottom
- Chrome feet for free standing in upright position Adjustable mounting straps to secure VCR
- Seams are heavily welted
- 3 heavy-duty 2-way zippers, velcro flap with twist locks
- Adjustable padded backpack straps
- Heavy-duty adjustable shoulder strap

NEW VP-11 For portable VHS VCRs

\$75.00



### Video Camera Bag

### Don't Worry About Your Camera-It's In The Bag

Comprehensive's durable light-weight Video Camera Bag offers full protection for your video gear. Its rugged construction and ingenious design will hold up under almost any abuse. The convenient tripod harness and accessory pouch allow you to carry all your gear comfortably and compactly. Small and medium size portable cameras will fit into the padded VCB-12 making it a safe, practical carrying bag for ENG crew or Videographer.

#### Features:

- Heavy, tight weave, water repellent, premium grade nylon and heavy vinyl
- Rugged, heavy-duty zipper
- Heavy foam padding on all surfaces Fully lined
- Adjustable padded divider to separate and protect camera and accessories
- Seams are heavily welted
- Unique tripod carrier harness holds light or medium-duty tripod
- Convenient accessory pouch holds cables, tape and maintenance
- Adjustable padded shoulder strap

Dimensions: 11" H × 20" W × 8" D NEW VCB-12 \$65.00

### See color photo on inside back cover.

### Video Camera Rain Coat

#### In Rain or Snow or Sleet

A sudden cloud burst or constant drizzle need not prevent videotaping. News events, football games and good times don't stop for rain or snow, and neither should your video gear.

The Comprehensive Camera Rain Coat not only protects the camera, but also the cameraman. A flexible rubber lens gasket seals the camera while the tent-like shape allows ample room to maneuver and make lens adjustments. Clear vinyl provides full vision while the extended back keeps the cameraman dry. Builtin vents aid in maintaining comfortability. Suitable for Broadcast ENG to home video cameras.

Model CRC-1 \$14.95



# CAMERA POSITIONING EQUIPMENT

Video Shoulder Pods What good is a hand-held camera . . . if you can't hold it?

**Problem:** "Portable" cameras quickly begin to feel heavy and uncomfortable, as well as being difficult to hold steady when critical lens adjustments are being made.

**Solution:** Comprehensive Video Shoulder Pods support and distribute camera weight comfortably, while permitting easy hand and body movement.

### Professional Shoulder Pod ===



### Specifications:

Recommended cameras:

Maximum capacity: Shoulder pod weight: Shoulder brace width: All "hand-held" color and B&W cameras, (with or without pistol grips).

14 lb. 4½ lb. 31/8"

MSP-75 \$259.00

#### **NEW IMPROVED DESIGN!**

Compact, lightweight and ruggedly built. 7-way adjustment fits requirements of virtually all operator, camera or shooting situations.

#### Features:

- Platform adjusts up or down for eye level
- Platform mounted left or right for viewfinder position
- Platform slides forward or back for camera style and comfort
- Camera arm levels for accuracy
- Brace with handgrip reduces fatigue
- Belly pod pivots for stability
- Waist belt adjusts for security



### Shoulder Mount ==



Will accommodate a variety of "on-the-shoulder" cameras, permitting professional standards of performance and operation.

### **Recommended Applications:**

Sony DXC-1610 with serial numbers above 12450, Sony DXC 1640, Hitachi FP-1020, GBC CTC-74, and many of the new "On-The-Shoulder" cameras.

SM-76M \$99.00



# **TRIPODS**

### Featuring Exclusive Fluid-Effect Heads

These precision European products are world famous for the exceptionally fine quality and value they represent.

BILORA's exclusive Fluid-Effect Heads pan and tilt with the same ease and "feel" previously found only in fluid heads costing considerably more. Fluid-Effect Heads are light-weight, extremely durable; fitted with 15 in. reversable pan handles and adjustable precision pan/tilt mechanisms.



Valid purchase orders for Bilora Tripod combinations may be marked "Subject to 10 Day Free Trial". We are confident that your new Bilora will quickly become one of your most prized pieces of video gear.

**Exclusively From...** 



# BILIRA TRIPODS



### Compact Tripod with Fluid-Effect Head

With its compact size and light weight, this tripod is truly the "Porta-Packers" dream. The unit is specially designed for use with today's light-weight industrial and consumer color cameras.



Collapsed Length 20 in.
Extended Length 54 in.
Weight Less than 6 lbs.
Tripod/Head Capacity 18 lbs.

6144 \$189.00

### Medium-Duty Tripod and Fluid-Effect Head

The ideal combination for field or studio use. Twin shank with center bracing construction provides superior stability. Pneumatic column eliminates the need for gears that jam and allows the camera to "float" down. Features spirit level and retractable spikes within the rubber feet.

Coliapsed Length	30 in.
Extended Length	61 in.
Weight	Less than 9 lbs.
3124 Tripod Capacity	30 lbs.
1464 Fluid-Effect Head Capacity	18 lbs.

3124/1464 \$299.00





### Heavy-Duty Tripod and Fluid-Effect Head

Well suited for most studio or field applications. Elevation height reaches 70 inches with a high degree of stability. Features pneumatic column, spirit level, and retractable spikes within rubber feet.

Collapsed Length	30 in.
Extended Length	70 in.
Weight	Less than 11½ lbs.
3142 Tripod Capacity	65 lbs.
1464 Fluid-Effect Head Capacity	18 lbs.

3142/1464 \$409.00



# Heavy-Duty Tripod and Deluxe Fluid-Effect Head

This heavy-duty but light-weight set-up features 60 lb. capacity **Deluxe Fluid-Effect Head**, adjustable drag tension, tilt safety stop (with override) built-in spirit level, reversible ½ inch or ¾ inch mounting stud.

Collapsed Length 30 in. Extended Length 70 in.

Weight Less than 11½ lbs.

3142 Tripod Capacity 65 lbs. 1482 Fluid-Effect Head Capacity 60 lbs.

3142/1482 \$899.00





# Broadcast Tripod, Column and Deluxe Fluid-Effect Head

Super heavy-duty. Loaded with features required for utmost in professional creativity. Designed to be rugged yet flexible. This set-up will do it all from ground level shots on uneven surfaces to high "above the crowd" angles. Features: • 3 Section Tripod • Heavy-duty geared crank column with leveling ballmount • Deluxe Fluid-Effect Head with pan/tilt drag, tilt safety, spirit level and reversible mounting stud.

Collapsed Length Extended Length Weight 30 in. 70 in.

Less than 20 lbs. (without dolly)

433/445 Tripod Column Capacity 100 lbs. 1482 Fluid-Effect Head Capacity 60 lbs.

433/445/1482 \$1,399.00

**NOTE:** The 433 Tripod legs adjust independently of each other. This allows a wide spread for low ground level camera angles and firm level tripod placement on uneven terrain (hills, rocks and stairs).





# BILORA TRIPODS



### Fluid Effect Head

Weight 3 lbs. Capacity 18 lbs. **1464 \$129.95** 

Deluxe Fluid-Effect Head Weight 8 lbs. 1482 \$599.95





### **Bilora Dolly**

Fits 5144, 6144, 3124 and 3142 Bilora tripods. Lightweight. Features a unique positive lock system that prevents accidental "roll away".

Weight Less than 5½ lbs. Capacity 85 lbs. **432 \$199.00** 

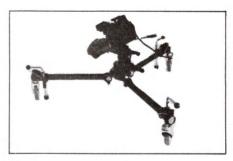


Accessory platform that fits on the 432 Dolly. Carries sizes of VCRs and accessories. Measures  $11'' \times 18''$ .

NEW 434 \$77.00







### **Bilora Dolly**

A heavy-duty unit with 5-inch rubber wheels and positive lock system. Moves the heaviest loads with ease.

**NOTE:** A camera with (or without) a Bilora head may be mounted directly on the 430 dolly for smooth ground level shots.

430 \$599.95

### Summary of Bilora Pricing:

	-		•	
Tripod with Non-Removable Fluid		433	Tripod	\$519.00
Effect Head	\$189.00	445	Center Column	\$319.95
Tripod, Fluid Effect Head	\$299.99	1464	Fluid-Effect Head	\$129.95
Tripod, Fluid Effect Head	\$409.00	1482	Fluid-Effect Head	\$599.95
Tripod, Fluid Effect Head	\$899.00	432	Dolly	\$199.00
Tripod, Column, Fluid Effect Head	\$1,399.00	430	Dolly	\$599.95
Tripod	\$185.95	434	VCR Accessory Platform for 432	
Tripod	\$299.95		Dolly	\$77.00
	Effect Head Tripod, Fluid Effect Head Tripod, Fluid Effect Head Tripod, Fluid Effect Head Tripod, Column, Fluid Effect Head Tripod	Effect Head Tripod, Fluid Effect Head Tripod, Fluid Effect Head Tripod, Fluid Effect Head Tripod, Fluid Effect Head Tripod, Column, Fluid Effect Head Tripod Tripod Tripod Tripod Tripod Tripod Tripod Tripod	Effect Head \$189.00 445 Tripod, Fluid Effect Head \$299.99 1464 Tripod, Fluid Effect Head \$409.00 1482 Tripod, Fluid Effect Head \$899.00 432 Tripod, Column, Fluid Effect Head \$1,399.00 430 Tripod \$185.95 434	Effect Head \$189.00 445 Center Column Tripod, Fluid Effect Head \$299.99 1464 Fluid-Effect Head Tripod, Fluid Effect Head \$409.00 1482 Fluid-Effect Head Tripod, Fluid Effect Head \$899.00 432 Dolly Tripod, Column, Fluid Effect Head \$1,399.00 430 Dolly Tripod \$185.95 434 VCR Accessory Platform for 432

(See color photo on back cover)

### CAMERA POSITIONING EQUIPMENT

**TRIPODS** 

### Bilora Tripod/Professional Fluid Head Combinations

In motion picture production applications, fluid heads have always provided the ultimate in smooth, professional camera movement and positioning.

There have often been two objections, however, to fluid heads for video applications weight and expense. The European-designed F82 fluid head overcomes both objections.









#### F82 Features:

- Capacity of 22 lbs. (10 kg)
- Quick release camera platform
- Slotted screw for proper camera balance
- Separate adjustable drag controls; locks for both pan and tilt functions
- Full 360° pan, tilts 60° up and 90° down with a safety stop at 45° to prevent dumping
- Dual handles for camera controls

#### The F82 fluid head is available in two tripod combinations.

Bilora Tripod and Fluid Head

Features the 3142 Bilora Tripod with the F82 Fluid Head and mounting adapter. Optional dolly model 432 (see page 64).

3142/F82 \$549.00

**Bilora Super Heavy-duty Tripod and Fluid Head** Features the 433/445 Bilora Tripod with the F82 Fluid Head and mounting and center column adapter. Optional dolly model 430 (see page 64).

NEW 433/445/F82 \$1059.00

Fluid Head, With Dual Handles

F82 \$259.00

Comprehensive's TR-74 tripod is superior to virtually all OEM units in its class. Slotted screw hole permits camera to be positioned backward or forward for perfect balance at all times, regardless of camera and lens combination. The internal dual vari-tension spring system provides safe, smooth fingertip control of tilt and eliminates danger of accidental camera dumping.

Features: Heavy 1%" elevation column which insures maximum rigidity and satin smooth panning. Self-locking spur and pinion gears maintain predetermined camera level over entire 16" rise. Legs extend to 45". Collet-type leg extension clamps are stickproof and freezeproof. 25 lbs. capacity.

TR-74 \$175.00



### CAMERA POSITIONING EQUIPMENT

### Dollies :



Heavy-duty Dolly.

Fitted with locking 5" rubber wheels for unparalleled maneuverability and stability on any surface indoors or out. Suitable for use with Bilora 3124, 3142 Tripods; Comprehensive TR-74; and various other medium to heavy-duty tripods.

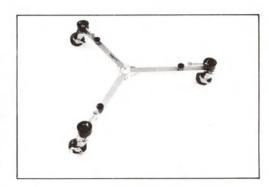
Specifications: Capacity 60 lbs., Weight 7 lbs., Wheel size 5" × 13/16". TRD \$84.00

### Dolly

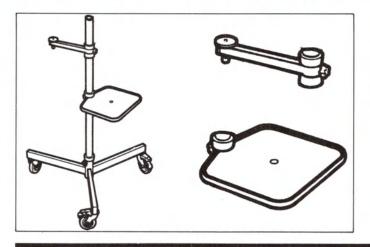
Dolly legs extend to automatic stops assuring that each leg is equal in length. 2" sockets secure the tripod to the dolly with locking screws. The 3" diameter ball-bearing wheels are equipped with "toelock" brakes. Suitable for use with Bilora 5144, 6144, TR-74, Husky, Sony TD-3, and other similar light-weight tripods. Economical performance.

Specifications: 24" diameter (collapsed), 40" diameter (extended); 3" wheels. Weight 3.5 lbs.

TAD-2 \$54.95



### UNICOL Camera Stand with VCR Platform =



In one easy motion adjust height of camera from ground level (6") to eye level (59")

The unique UNICOL design (see UNICOL Trolleys, Stands and Brackets on pages 00-00) offers a combination of flexibility and durability.

The camera arm can be adjusted vertically and rotates a full 360°. It features a platform with 1/4" × 20" screw for direct camera or tripod head mounting (we recommend the BILORA 1464 Fluid-Effect Head, see page 64). The VCR platform measures 16" × 16", holds any portable BETA, VHS or U-Matic VCR, adjusts vertically and rotates a full 360".

Constructed of tough black epoxy finished steel with plated steel support column and 4" diameter braked rubber wheels. Disassembles easily for storage and transporting.

Camera stand with VCR platform -AD CB Additional VCR platform -

Additional camera bracket -





### Camera Quick Release

Dependable and easy to use. Simply slip camera on and it automatically locks. Press the release button and the camera can be quickly removed. It attaches to any camera and tripod using the standard 1/4" × 20" mountings. Ideal for portable and other light-weight cameras.

190 \$24.95



Monopod

(extended).

When using portable cameras, a monopod is a sensible, inexpensive method of assuring steady field positioning. The monopod offers many benefits of a tripod without the weight, size or cost. Safe-lock pan head permits easy tilting and panning. Unique finger-tip control allows height adjustment without taking your eye from the viewfinder. Specifications: 36" (collapsed): 62"

UNP-2 \$34.95

The Comprehensive "Smart Cart" . . . designed expressly for small cameras and portable video recording equipment . . . mobility of a cart . . . stability of a tripod . . . versatility of convenient, one-person operation. Adapters, elevator column, and cart are assembled as one unit as shown (less the camera and recording equipment). These units fit all types of recorders and portable or small-studio cameras.

Specifications for all models (except head):

- Weight: less than 49 lbs. Construction: Heavy tubular steel
- Straps: Two ea. 5' heavy duty Folded Dimension: less than 12 in.
- Front Platform: less than 12 in.
- Hardware: Anti-corrosive zinc plated
- Platforms: Sound-absorbing, formica covered particle board
- Front Casters: 4 in., with locks
  Rear Wheels: 12 in. ball bearing.
- Extended column height 45"



Includes same spring loaded head as TR-74 tripod (see page 65).

MVC-74 \$469.00





Includes F82 Fluid Head (see page 65).

MVC-F82 \$725.00



### Mobile Video Cart With Bilora Fluid-Effect Head

Includes Bilora 1464 Fluid-Effect Head for cameras up to 18 lbs. (see page 64). **MVC-1464** \$595.00



#### Mobile Video Cart With Bilora Heavy-Duty Fluid-**Effect Head**

Includes Bilora 1482 Fluid-Effect Head for cameras up to 60 lbs. (see page 64)

MVC-1482 \$1089.00





Mobile Video Cart With Elevated Support Column—Head Not Included (not shown)
Use the MVC-70 only if you have a Bilora tripod with the 1464 or 1482 Fluid-Effect Head or a tripod with the F-82 Fluid Head. MVC-70 \$499.00

# VIDEO ON WHEELS

### Portable Video Carts

When manufacturers of video gear say "Portable" they really seem to mean that the gear has a handle on it. Let Comprehensive solve your portability problems.



The 402 is the perfect cart for single camera, monitor, recorder remotes, whether in a classroom, lab, or out in the field. Use with portable VCRs.

### Specifications:

Upper platform: 21" × 16" 40" height Lower platform: 21" × 12"

18" height

Caster platform: 19" × 6"

Load capacity: 150 lbs. Wheel base: 16"

Wheels: 12'

Casters: 4" 2/Swivel & Lock Shipping weight: 56 lbs. **C-402 \$210.00** 



**Folding Cart** 

Designed to transport video cassette recorders and large screen monitors, this quality product folds to a slim 12" for travel. Heavy-duty construction throughout. This unit represents the most practical way of deploying your video cassette equipment.

### Specifications:

Platforms: 18" × 24" Top platform to floor: 411/4" Bottom platform to floor: 301/4" Wheels: 12" ball bearing

Fits Beta VHS and U-matic cassette units.

4118 \$195.00



### **Platform Cart**

Great for transporting anything up to 75 lbs. or for use as a video recorder work platform. Stores easily in car trunk. Cart is equipped with sturdy 7" ball bearing wheels and includes a 1"  $\times$ 80" nylon load retaining strap.

### Specifications:

Platform length: 181/4" Platform width: 16" Overall height: 40½" Weight: 12 lbs.



Collapsible Cart

The CLC-60 is an American-made heavy-duty luggage carrier. Handles portable VCRs with ease. (Includes "Bongee" elastic retaining cord.) Recommended for use on relatively smooth surfaces (indoors) or on paved surfaces.

CLC-60 \$50.00

296 \$89.00

Slide your pre-set-up gear in and out of a station wagon, van or truck with ease. Now you can make sure everything works before going out on location. Minimize set-up and rigging time in the field. This sturdy collapsible table cart also permits you to operate your video equipment while standing or sitting down. Even climbs stairs! Made of sturdy light-weight aluminum with 7" ball bearing wheels.

Specifications:

Capacity: 300 lbs.

Platform table height: 30"

Length: 41" Width: 22" Weight: 55 lbs.

286 \$435.00







Versatile two-wheel/four-wheel design. Ideal for getting bulky video equipment on location in addition to having a solid work platform.

Two-wheel hand truck configuration accommodates bulky lighting kits, background sets, props, VCRs, cameras, monitors and SEGs. Four-wheel configuration becomes useful platform dolly for video equipment, operation and storage.

### Features:

- Hand truck capacity 400 lbs.
- Platform capacity 600 lbs.
- Hand truck handle adjusts to 52", 61", 69" and 77" heights.
- Base plate measures 7" × 14"; total width 19½"
- Usable platform area measures 42½" × 13½" with platform 11¼" above-ground.
- Long stair guides for negotiating stairs and curbs.
- Frame is welded steel for maximum strength.
- 10" front hand truck wheels.
- 3" swivel casters for maneuverable platform.
- Weight 53 lbs.

VT-10 \$195.00



### **Aluminum Folding Hand Truck**

Ideal for moving bulky, heavy video equipment

Light-weight and easy to handle. When folded, the HT-4A fits in many places too small for conventional hand trucks (trunk of a small car, a broom closet, etc).

Just unhinge the handle and it locks into place. The vinyl hand grip gives positive load control. All-welded frame construction and 5" diameter solid rubber ball bearing wheels make the HT-4A sturdy and easy to move.

The HT-4A offers load carrying capability up to 200 lbs.

For bulky loads, simply unhinge the 14" long nose extension and it drops into place. Steel channel stair guides ease loads down stairs or curbs.

#### Specifications:

Dimensions Folded: 17½" W × 24" H × 12" D Dimensions Unfolded: 17½" W × 43½" H × 20" D

Shipping Weight: 15 lbs.

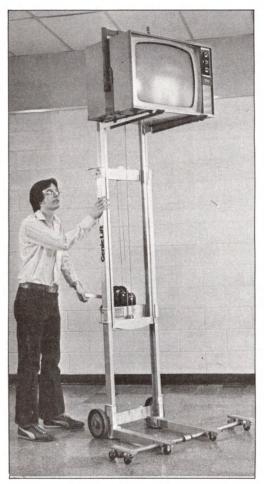
HT-4A \$95.00

NEW



# LIFTS

### Genie Lift







... it's a handtruck!

All aluminum construction makes the Genie Lift light-weight and strong. Meets OSHA specifications. Safety brake winch automatically locks whenever handle is released.

**Problem:** How to safely install or remove large video monitors for maintenance and service?

**Solution:** The Genie Lift/Hand Truck. What was once a four "volunteer" operation is now a simple routine procedure. One person can lift and move loads up to 400 lbs.

Genie Lift/Hand Truck	
Model	Unit Price
4	\$499.00
8	579.00
10	659.00
12	699.00

#### ... it's a lift!

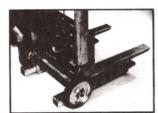
### SPECIFICATIONS:

Load Height Fork Lift Height Loading He							Height	Shipping	
Model	Capacity*	Width	Lowered	<b>Dimensions</b>	(Forks down)	(Forks up)	(Forks down)	(Forks up)	Weight
4	400 lbs.	24"	621/2"	18"W×24L	4'0"	5'2"	31/2"	171/2"	78 lbs.
8	350 lbs.	24"	621/2"	18"W×24L	8'0"	9'2"	31/2"	171/2"	99 lbs.
10	350 lbs.	24"	741/2"	18"W×24L	10'0"	11'2"	31/2"	171/2"	116 lbs.
12	350 lbs.	24"	861/2"	18"W×24L	12'0"	13'2"	31/2"	171/2"	120 lbs.
				,	Reduce load ca	apacity 50 pc	ounds when fork	s are used in	"Up" position

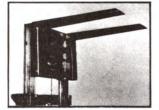
### Genie Lift features:



 Easily transportable. Legs and forks can easily be removed for transportation and storage by one person.



Retractable legs permit lift to reach shelves or openings which are too low for outrigger to roll beneath.



 Reversible forks add 14 inches to lift height, if needed.



Outrigger extensions included with 10 ft. and 12 ft. models provide added stability by widening the base. (Optional on 8 ft. model)

NOTE: Prices F.O.B. Washington State

### Accessories:

### Genie Boom:

Supports loads from above. Lift compressors, motors or any 350 lb. load.

### Genie Ladder:

Attaches to the Genie Lift. Legs are retractable and lock against frame when not in use.



### Stair Glides—Stair Rollers:

Designed for going up and down stairs.

### Load Platform:

Supports different sized

Other Lifts are available. Are you interested in lifting heavier weights to greater heights? Inquire about our "Super-Lift" with load capacity of 650 lbs. and lift height up to 24'.



### **=**Genie Personnel Lift

### Raise Your Lights And Camera To New Heights

Safe and easy way to get that previously unreachable camera angle or proper lighting. The compact light-weight Genie Personnel Lift can take you as high as 31 feet. Its self-operating winder goes from ground level to maximum height in less than 2 minutes. Say goodbye to cumbersome and expensive scaffolding, long set-up times, and lack of flexibility-say hello to the Genie.

- Rugged manual operation
- Fail safe brake
- Safer than ladders and scaffold-
- Auxiliary emergency winch on base
- Compact for easy transport
- Heat-treated aluminum structure
- Interlocking sections
- Platform dimensions 24" × 26" with 42" high midrail and 4" toeboard on all sides

	Dimensions Set-up Without Outriggers		Load Capacity	Platform	Working	Net		
Model	Width	Length	Height	(1 Person)	Height	Height	Weight	Price
PL-12M	29"	51"	89"	300 lbs.	12'0"	19'0"	239 lbs.	\$1,795.00
PL-18M	29"	51"	89"	300 lbs.	18'0"	25'0"	284 lbs.	\$1,995.00
PI -24M	29"	51"	89"	300 lbs	23'8"	31'0"	339 lbs.	\$2,395.00

- Also available in AC & DC powered models with working heights up to 36
- Options available for manual & powered units include:
  - Load rack and tool tray
  - Tilt back assembly (for easy movement in tight spaces)
  - Insulated platform (powered units only)

Call our Technical Service Desk for additional information.







World-famous UNICOL video positioning equipment is available exclusively from Comprehensive. These modern British-designed products provide exceptional strength and durability.

Combine UNICOL's full range of interchangeable

components with your own imagination to create safe, positive solutions to your equipment positioning needs.

All components of the UNICOL system are UPS shippable.

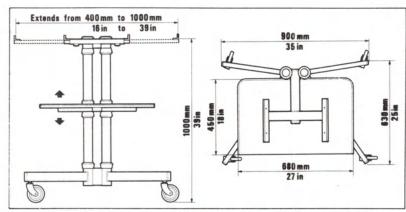
### UNICOL Basic Video Trolley



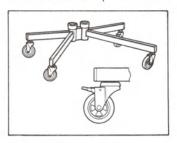
Gives full mobility to video monitor/receiver and video recorder combinations for ideal operating and viewing flexibility. Developed to meet high standards of safety and stability. Trolley designed to recover safely from tilt angles of 20 degrees in the normal direction of travel. Carrying capacity is 250 lbs. Maximum width is only 25", enabling it to pass easily through narrow doorways. The 4" diameter rubber wheels allow silent easy movement. Platform shelf is height adjustable.

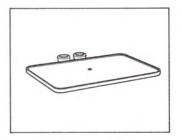
Trolley is built for a lifetime of service. Sturdy steel sections employed for all structural parts. Finished in tough black epoxy, support columns are plated.

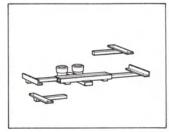
VS/1000/P27 \$395.00



NOTE: Each component of the UNICOL TROLLEY SYSTEM is available separately to accommodate custom configurations.







Dance	

VSB Total Base with 4" Casters
VSB-BR Trolley \$219.00

Base with Braked Wheels

### Columns

35-2 35" (set of \$49.00 two)
45-2 45" (set of \$59.00 two)
55-2 55" (set of \$69.00 two)
Add 4" to height of columns for

total height of unit.

\* MEW

### **Equipment Shelves**

P-18\* 18" × 18" \$79.00 P-22\* 18" × 22" \$89.00 P-27 18" × 27" \$99.00 P-30\* 18" × 30" \$119.00 **Monitor Bracket** 

**MB-39** Extends from 16" to 39"







The UNICOL Video Trolley is available in a variety of configurations. Each equipment shelf and bracket may be adjusted to any height along the bi-column support. This allows maximum flexibility in setting up your dubbing center, playback facility, editing room, or demonstration area. In addition to the Trolley Systems shown, custom configurations may be chosen (see below) for maximum flexibility.

UNI-A	Dubbing Center—3/4" VCRs	\$695.00
	4 VCR equipment shelves	
	1 manitar brooket: total baight 50"	

1 monitor bracket; total height 59

\$645.00 UNI-A1 Dubbing Center—1/2" VCRs (not shown) 4 VCR equipment shelves

1 monitor bracket; total height 59"

Dubbing Center-3/4" VCRs \$645.00 UNI-B 5 VCR equipment shelves; total

height 59"

UNI-B1 Dubbing Center—1/2" VCRs \$595.00

(not shown) HEW

5 VCR equipment shelves; total height 59"



**Editing Center** 2 VCR equipment shelves 2 monitor brackets; total height

UNI-C \$645.00

TV/Monitor Demo Center or Playback Center (not shown) 3 monitor brackets; total height 59"

UNI-D \$595.00



**Dubbing Center—** 3/4" VCRs 3 VCR equipment shelves 1 monitor bracket; total height 49"

UNI-E \$595.00 **Dubbing Center—** 1/2" VCRs (not shown)

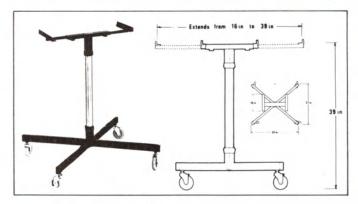
3 VCR equipment shelves 1 monitor bracket; total height 49"



Editing/Playback Center 2 VCR equipment shelves 1 monitor bracket; total height 49" UNI-F \$495.00

UNI-E1 \$565.00 VIDEO SUPPLY CORPORATION

## Unicol Video Monitor/Receiver/Projection Stands



### Unicol Video Monitor/Receiver Stands

Designed to provide a versatile well-engineered unit for supporting a wide range of video monitors/receivers.

- Sturdy all steel construction provides exceptional strength.
- Safe and stable with equipment up to 200 lbs.
- Large diameter rubber wheels ensure smooth mobility.
- Adjustable bracket holds monitors/receivers 16" to 39" wide.
- Monitor may be screwed to mounting for security.
- Stands have a tough black epoxy finish with plated columns.

Model No.	Height	Price
T/32/EP	39"	\$185.00 NEW
T/45/EP	52"	\$195.00 NEW
T/55/EP	62"	\$205.00

# UNICOL Adjustable Projector Stand

Provides 8mm, 16mm and still projectors with a variety of height and tilt adjustments. Well suited for permanent/semi-permanent applications (telecine film chains, lecture rooms, proiection booths, multi-media installations, etc.).

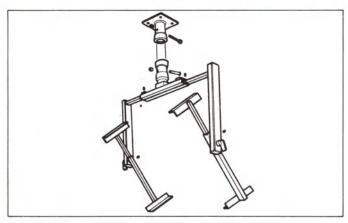
Telescopic column adjusts

platform height from 37" to 58". Platform may be tilted and locked progressively from level to 15 degrees. Base is fitted with nylon wheels and jacking feet. For stationary installation, a base unit with floor fixing brackets is also available. Finished in tough black epoxy; support column is plated.

SX/30/TAG \$295.00



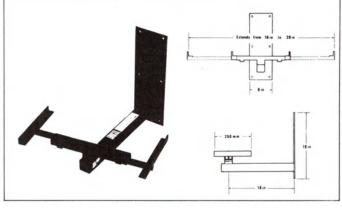
### Monitor/Receiver Brackets =



UNICOL Adjustable Video Monitor/Receiver Suspension Bracket

Specially designed for safe overhead use in commercial/educational applications. Suspension bracket will accept video monitors/receivers up to  $23^{\circ}$  H  $\times$   $31\frac{1}{4}^{\circ}$  W, and is adjustable to give an infinite choice of viewing angles. Will safely support up to 176 lbs. Supplied with a 78% standard UNICOL column and  $6" \times 6"$  steel ceiling plate predrilled with holes for quick reliable installation. Monitor may be screwed to mounting if required. Tough black epoxy finish.

CSU/1133 \$248.00



### Unicol Adjustable Video Monitor/Receiver Wall Brackets

- Mounts extend to fit video monitors/receivers up to 39"
- Infinite choice of viewing angles made possible by unique swivel design. Allows access to rear of monitor for servicing.
- Engineered to highest standards. Supports up to 200 lbs.
- Monitor may be screwed to mounting for security.
- Finished in tough black epoxy.

Fixed 90° angle.

WB/1228 Wall Bracket for small monitor/receivers. Extends from 12 to 28

MEW

WB/EP Heavy-duty Wall Bracket for medium to large monitor/receivers. Extends from 16 to 39 inches.

\$100.00 \$150.00



### Video Tables and Carts



### **EC-10 Work Station**

Comprehensive's new EC-10 rolling work table can be used as a CRT table to hold small computers, monitors, and printers; as a video editing station for edit controllers, time code readers, and monitors; or as a small production console for video and audio productions.

- Shelves can be adjusted to fit your equipment
- Work surface is 3' by 2' deep and adjusts up to 27" high
- Top shelf is 3' wide by a foot deep and can be adjusted to 39" high
- Simple to assemble with supplied wrench
- Constructed of tough, heavy-gauge steel in an attractive beige color with chrome legs.

EC-10 \$239.00



Comprehensive's sturdy, economical video carts and tables are available in three basic sizes with optional electrical outlets and slant bars to angle monitors, reducing glare from ambient lighting.

Simple to assemble with supplied wrench. No extra tools required. Attractive ebony black finish.

Model	Height Overall	No. of Shelves	Top To Middle Shelf	Middle To Bottom	Top To Bottom	Wt. (lb.)	Price
CV-P30	30"	2			14"	35	\$104.00
CV-P30E	30"	2			14"	37	\$126.00
CV-P48	48"	3	17"	20"		50	\$119.00
CV-P48E	48"	3	17"	20"		52	\$141.00
CV-P48S	48"	3	17"	20"		51	\$126.00
CV-P48SE	48"	3	17"	20"		53	\$148.00
CV-P54	54"	3	23"	20"		53	\$125.00
CV-P54E	54"	3	23"	20"		55	\$147.00
CV-P54S	54"	3	23"	20"		54	\$131.00
CV-P54SE	54"	3	23"	20"		56	\$153.00

NOTES: 1) Shelf size: 20" D x 30" W.

2) E models are complete with electrical assembly consisting of 2 outlets, 20 ft. 3-wire cord and grounding adapter.

3) S models have slant bar to allow monitor to be positioned at angle for reduction of glare from ambient lighting.

NOTE: Video tables and carts are UPS shippable.



### Deluxe Mobile Video Centers

Deluxe Mobile Video Centers combine the strength of metal with the beauty of wood. Cabinets are constructed of heavy-gauge steel finished in ebony and accented by wooden doors of rich walnut color marresistant laminate.



### VTRC70E

Ideal for large group applications. Supplied with 2 shelves plus 1 roll-out shelf for VCR. Shelves are movable and may be positioned in upper or lower portion of cabinet. Unit divided into 2 individual lockable portions. Upper portion features removable ventilated locking back panel. Rolls easily on heavy-duty 4" ball bearing casters, 2 having locking brake. Complete with electric assembly and set of 4 keys. Shipped disassembled. Weight 268 lbs. Dimensions: Outside 72" H  $\times$  33" W  $\times$  24" D; Inside 60" H  $\times$  31" W  $\times$  22" D.

VTRC70E \$842.00

### VTRC40E

Compact yet versatile. Supplied with 1 movable shelf plus 1 rollout shelf for VCR. May also be used as stationary unit atop existing furniture. Supplied with heavy-duty 4" ball bearing casters, 2 with locking brakes; electrical assembly; set of 2 keys. Shipped disassembled. Weight 144 lbs. Dimensions: Outside 38" H  $\times$  33" W  $\times$  24" D; Inside 30" H  $\times$  31" W  $\times$  22" D.

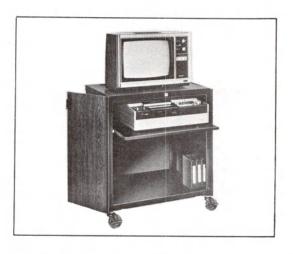
VTRC40E \$477.00



### VTRC50E-W

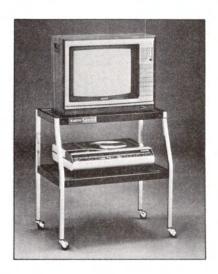
Secure, heavy-duty, fully enclosed cabinet. Includes 2 fixed shelves; 1 roll-out shelf; removable ventilated back panel; heavy-duty 4" ball bearing casters; full-length piano hinge doors; electrical assembly; and a set of 2 keys. Black finish. Shipped disassembled. Weight 143 lbs. Dimensions: Outside 50" H  $\times$  33" W  $\times$  24" D; Inside 48" H  $\times$  26" W  $\times$  22" D.

VTRC50E-W \$574.00



NOTE: Deluxe Mobile Video Centers are shipped via truck.

### Deluxe Mobile Video Centers



### VTR20E

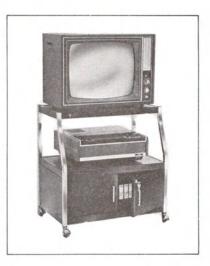
Mobile, compact and economical. Recessed top shelf to allow access to VCR on lower shelf. Sturdy unit is equipped with 2" ball carpet casters and electrical assembly. Shipped disassembled, weight 40 lbs. Dimensions: Outside 32" H × 30" W × 20" D; Top shelf 30" W  $\times$  16" D; Top to middle shelf 13".

VTR20E \$106.00

VTRC30E

Well suited for individual or small group use. Top is recessed to allow free access to VCR on middle shelf. Lower cabinet has double locking doors to secure video cassettes, etc. Includes electrical assembly. Shipped disassembled. Weight 64 lbs. Dimensions: Outside 32" H  $\times$  30" W  $\times$  20" D; Top shelf 30" W × 16" D; Top to middle shelf 13"; Cabinet 10" H × 28" W × 18" D.

VTRC30E \$252.00





### MPVC40E

Versatile for all around use. Ten inches higher than the VTRC30E with lots more cabinet storage space. Includes movable shelf and locking doors. Recessed top shelf allows access to VCR on middle shelf. Equipped with 2" ball carpet casters, electrical assembly, and 2 keys. Shipped disassembled. Weight 90 lbs. Dimensions: Outside 40" H × 30" W × 20" D; Top shelf 30" W  $\times$  16" D; Top to middle shelf 13"; Cabinet 17" H  $\times$  28" W  $\times$  18" D.

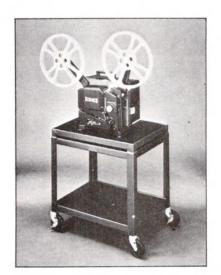
MPVC40E \$272.00

MPVC54E

Combine recorder and monitor in one mobile unit. Large top accommodates 25" video monitors/receivers. Middle shelf provides a convenient working height for VCR. Roomy locking cabinet permits safe storage of camera, cables, microphone and other material. Includes electrical assembly. Shipped disassembled. Weight 88 lbs. Dimensions: Outside 54"  $H \times 30'' W \times 20'' D$ ; Top to middle shelf 26"; Cabinet 17" H × 28" W × 18"D.

MPVC54E \$272.00





Adjustable 3 Shelf Table

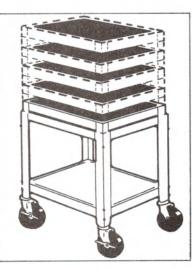
Raise and lower for large group or individual use. Ideal for VCRs, video monitors/receivers up to 19", film projectors, etc. Constructed of rugged welded steel. All three shelves covered with non-slip rubber

Shelf size: 18" × 24"

Height Variations: 26", 30", 34", 38", 42"

4" rubber wheels - 2 locking

\$95.00 A-2642 A-2642E with power strip \$117.00



NOTE: Deluxe Mobile Video Centers are shipped via truck.

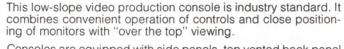


## Video Consoles and Racks

Low-Silhouette Consoles

**Problem:** Long lead-time for custom video consoles.

**Solution:** Comprehensive video consoles, racks, blank panels and related hardware.

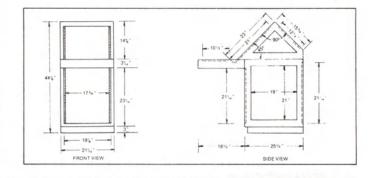


Consoles are equipped with side panels, top vented back panel and removable writing shelf.

Specifications:

44" H  $\times$  21" W  $\times$  24½" D. Overall depth with extended shelf 44". Front sloped area 21"  $\times$  19".

Model	Description	Price
CFS-21	Single Bay Console	\$ 659.00
CFS-22	Double Bay Console	1,199.00
CFS-23	Triple Bay Console	1,739.00
CFS-24	Quadruple Bay Console	2,279.00





## **Standard Vertical Racks**:



Full 70" height for 19" vertical rack-mounting. Rear door and side panels included.

 $77\frac{1}{4}$ " H ×  $21\frac{1}{16}$ " W ×  $26\frac{1}{8}$ " D.

Model	Description	Price
CR-1C CR-2C CR-3C CR-4C	Single Bay Rack Double Bay Rack Triple Bay Rack Quadruple Bay Rack	\$ 729.00 1,349.00 1,999.00 2,589.00
CSC-4	Heavy-duty casters for Low- Silhouette Consoles and Ver- tical Racks, Set of 4	\$99.00

NOTE: Video Consoles and Racks shipped F.O.B., Rochester,

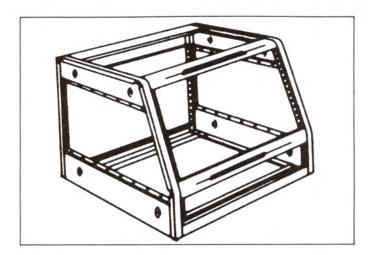
NOTE: Consoles and racks will be shipped in ebony black. (Other colors available on special order; allow 8-10 weeks for delivery.)

Comprehensive

## Slope Front Racks

19° slopefront  $3\frac{1}{2}$ " vertical rack space below the slope, overall width 21".

Model	Rack Space	Sloped Front Rack Height	Rear Rack Height	Height	Depth	Price
SFR-1050	6	101/2"	14"	81/2"	181/2"	\$149.00
SFR-1750	10	171/2"	211/8"	26"	22"	198.00
SFR-1050SF	Pair of	fleft and rig	aht side pa	anels for SI	R-1050	72.10
SFR-1750SF		fleft and rig				89.70



### Console and Rack Accessories

CSC-B	Rack Screws with captive clips for panel mounting. Box of 100	\$19.95
CCB-2	Chassis brackets for equipment mounting. (Pair of 2)	<b>30.00</b> /pr.

	,				
Model	Description	Price	Model	Description	Price
BP-175 BP-350 BP-525 BP-700 BP-875 BP-1050	1¾" High 3½" High 5¼" High 7" High 8¾" High 10½" High	\$ 9.95 12.95 15.95 18.95 21.95 23.95	BP-1225 BP-1400 BP-1575 BP-1750 BP-1925 BP-2100	12¼". High 14" High 15¾" High 17½" High 19¼" High 21" High	27.95 30.95 33.95 36.95 40.95 43.95

Blank Panels, 19" Wide

## Table-top Racks

### **Vertical Instrument Racks**

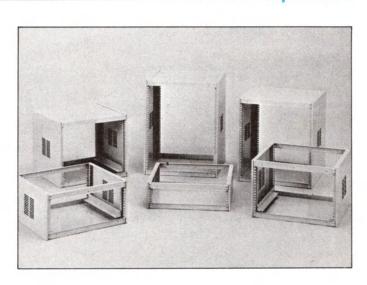
Fit easily on table or shelf. Modular design permits variety of rack configurations. Standard EIA 19" width. Complete with side panels, one pair of VIR-989 support brackets, one pair of attachment brackets for 930, 931, 932, 934, 936 shelves and equipment mounting hardware. Top/Bottom panel and additional support brackets available.

Overall dimensions: 20" W × 18" D

		_	_	
	N	5	WV	
	ľN	5	W	

Model	Rack Space	Rack Height	Overall Height	Price
VIR-350 VIR-700 VIR-1050 VIR-1400 VIR-1925 VIR-2275 VIR-7/B VIR-989	Chassis S	3½" 7" 10½" 14" 19¼" 22¾" ottom Panel Support Brac 4" × 15½"	6" 934" 13" 16½" 22" 25½"	\$115.00 128.00 140.00 148.00 163.00 172.00 37.00 ea.

NOTE: Allow 4-6 weeks for delivery.



## Video Matchmakers

### Professional Production, Editing And Dubbing Consoles

Rugged consoles for use anywhere in your tele-production facility. May also be rolled into a van for mobile applications. Matchmaker consoles offer complete design flexibility. Easily re-configured whenever your needs change. Unique component design

offers many vertical or side by side variations. Shelves adjust in 1" increments. Drawers are on 30" or 22" wide rugged steel frames. Consoles fitted with 5" industrial casters, and may be used separately or bolted together. Shipped F.O.B. Minnesota. Allow 4-6 weeks for delivery.

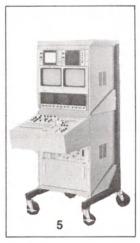
### Production Consoles ==











### **Single-Bay Consoles**

- 1. Model 910-14 Complete 920 "L" frame with 5" casters (2 locking), two all-steel 961 VCR drawers, one 936 monitor shelf and one 987-14 rackmount cabinet. 56" H × 30" W × 26" D. Wt. 185 lbs
  - 910-14 \$821.00
- 2. Model 910F One 920 "L" frame with 5" casters (2 locking), one 931 extended monitor shelf, two 961 VCR drawers and one 946 editor shelf. 56" H × 42" W × 26" D. Wt. 220 lbs.
  - 910F \$951.00
- 3. Model 982-10 One complete 922 space-saver "L" frame with 5" casters (2 locking), one 987-10 rack-mount cabinet, one 932 monitor shelf, and one 942 editor shelf. 56" H × 22" W × 28" D. Wt. 140 lbs.
- 4. Model 915 Complete 920 "L" frame rolls on 5" casters (2 locking). One 950 VCR shelf and one 940 editor shelf. 56" H × 30" W × 28" D. Wt.
  - 915 \$504.00
- 5. Model 831 One 922 frame, one 987-19 rack-mount cabinet (191/4" rack space), one 987-22 rack-mount cabinet (2234" rack space), one 987-SEC switcher cabinet (14" rack space), two pair 987-FB frame brackets, one 934 monitor shelf, and one pair 987-MP match plates. 56" H × 22" W × 36" D. Wt. 148 lbs.

831 \$847.00

982-10 \$592.00





- Double-Bay Consoles
  6. Model 2200 Two 920 extended "L" frames with 5" casters (4 locking), two 936 monitor shelves, two 987-14 rack-mount cabinets, one 946 editor shelf, and one 948 switcher shelf. Shown set up in individual modules. Each module 72" H × 30" W × 26" D. Wt. 320 lbs.
  - 2200 \$1,833.00
- 7. Model 2000 Two 920 "L" frames with 5" casters, two 936 monitor shelves, and two 946 editor shelves. Shown assembled as 'in-line' console.  $56'' \text{ H} \times 60'' \text{ W} \times 26'' \text{ D}$ . Wt. 238 lbs.

2000 \$1,149.00

SUPPLY CORPORATION



1. **Model 901A** Includes two complete sets of 920 "L" frames with 5" casters (4 locking), three 930 monitor shelves, one 940 editor shelf, one mini-monitor shelf 939, and two all steel 961 VCR drawers. Shown assembled as an "in-line" console. 56" H  $\times$  60" W  $\times$  28" D. Wt. 303 lbs.

901A \$1,250.00

**Model 901B** (Not Shown) Same as above with two low-profile 950 VCR shelves in place of the two 961 VCR drawers. Wt. 267 lbs.

901B \$1,170.00

Model 900C Two complete sets of 920 extended "L" frames with 5" casters (4 locking), one pair of 920G side support gussets, two 938 monitor shelves, one 946 pullout editor shelf, and two 961 VCR drawers. Shown assembled as "in-line" console. 72" H × 60" W × 28" D. Wt. 310 lbs.

900C \$1,664.00

Model 1001A Three complete 920 "L" frames with 5" casters (6 locking), three 930 monitor shelves, one 940 editor shelf, four all-steel 961 VCR drawers, and one 939 mini-monitor shelf. Each of three consoles shown set-up. Individual consoles are 56" H × 30" W × 28" D. Wt. 452 lbs

1001A \$1,828.00

**Model 1001B** (Not Shown) Same as above with four 950 low profile VCR shelves in place of the four 961 VCR drawers. Wt. 380 lbs.

1001B \$1,612.00

## **Low Profile Editing Consoles**



4. Model 900LC Two 92030 short frames, one pair of 920L leg extensions, two 936F monitor/rack-mount shelves, three 987-10 rack-mount cabinets (10½" rack space each), one 946 pullout editor shelf, two 960 pullout VCR drawers, one pair 101WS wood side panels, and one pair 103WT wood top. Overall dimensions: 46" H × 62" W × 45" D. Wt. 366 lbs.

900LC \$1,760.00

System/85 Modular Video Consoles

For use with Sony "800 and Type 5" series of video equipment. Units feature new textured designer colors of pearl grey and light beige.

Standard 19" EIA modular units have rugged welded and bolted construction.

The editor shelf is removable, enabling entire console to be moved easily through doorways to any location. Removable back panels and open inner frame construction offer quick accessibility for wiring and service.

5. Model 85-20

Two Bay Editing Console - Overall size: 431/2" H  $\times$  431/2" W  $\times$  43" D. Wt. 241 lbs.

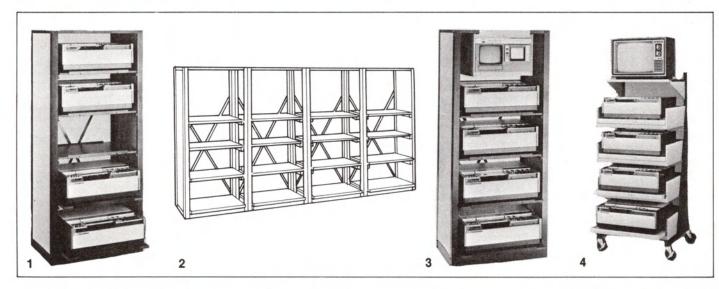
85-20 \$1,242.00

6. Model 85-30 Three Bay Console - Shown with 3 frames, 2 shelves, vented side panels, top panels, removable back panels, chrome plated legs, controller panel, blank panels. Overall size: 42½" H × 64½" W × 43" D. Wt. 348 lbs.

85-30 \$1,671.25



## 3/4" VCR Dubbing Racks



1. Model 450A Stationary type with five walnut wood-grain pullout VCR shelves. Shelves are mounted on ball-bearing rollers for easy pullout. 72" H  $\times$  32" W  $\times$  20" D. Wt. 175 lbs.

450A \$708.00

2. "Add-A-Rack"

Basic rack frames can be bolted together without side panels to form an economical "in-line" duplicating center. Side panels are installed at each end. Shelves can be installed at 1" increments to fit exact equipment needs.

Basic rack without side panels. Wt. 50 lbs. Side Panels (pr.). Wt. 30 lbs. Pull-out shelves. Wt. 18 lbs.

450WO 450SP

\$220.00 \$78.00/pr. **54SS** \$82.00

3. **Model 454A** Stationary type with four pullout VCR shelves, one 987-10 rack-mount cabinet with one pair 987-AB adapter brackets. Walnut wood-grain laminate VCR shelf. 72" H × 32" W × 20" D. Wt. 181 lbs. **454A** \$785.00

4. **Model 990** Extended 9200 "L" frame with 5" casters (2 locking), four all-steel pullout 961 VCR drawers, and one 930 monitor shelf. 72" H  $\times$  30" W  $\times$  26" D. Wt. 273 lbs.

990 \$1,036.00



5. **Model 993** Basic 920 frame, three pullout 961 VCR drawers, and one 930 monitor shelf. 56'' H  $\times$  30" W  $\times$  26" D. Wt. 217 lbs. 993 \$826.00

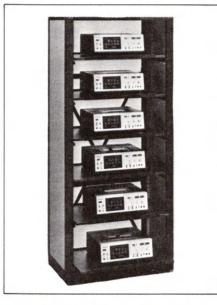
6. **Model 995** Extended 9200 "L" frame with 5" casters (2 locking) and five pullout 950 VCR shelves. 72" H  $\times$  30" W  $\times$  26" D Wt. 202 lbs.

995 \$872.00

7. **Model 990A** Extended 9200 "L" frame with 5" casters (2 locking), and five pullout 961 VCR drawers. 72" H  $\times$  30" W  $\times$  26" D. Wt. 303 lbs.

990A \$1,142.00





**Model 460A** Stationary type with six pullout VCR shelves. 72" H  $\times$  32" W  $\times$  20" D. Wt. 218 lbs.

460A \$790.00



**Model V/C-72WO** Extended 9220X "L" frame with 5" casters (2 locking). Six 952 pullout VCR shelves. Cocoa Brown frame with walnut wood-grain shelves. Beige brackets. Wt. 163 lbe

V/C-72WO \$813.00



**Model V/C-74** Complete 922 "L" frame with four 952 pullout VCR shelves and one 932 monitor shelf. Wt. 146 lbs.

V/C-74 \$717.00

1" VTR Consoles

Roll-Around Base Console

Accommodates all 1" Type "C" video tape recorders. Ruggedly built, welded steel cabinet with locking 4" industrial casters, master "On-Off" switch, 19¼" rack height, and pullout drawer for service manual and tools. Drawer can be positioned elsewhere in rack or removed for extra rack space. Compact base cabinet uses minimum floor space. Allows complete VTR access.

- Model 3101-T Complete with 3001 base cabinet, 3160 turntable, 3170 monitor bridge, and two six-outlet electrical assemblies. 78" H × 32¾" W × 28" D. Wt. 350 lbs. 3101-T \$1,972.00
  - Model 3101-TP (Not Shown) Same as above (3101-T) with 3161 turntable pullout VTR shelf. (For servicing NEC TT-7000 and RCA TR-800.) Wt. 360 lbs.
    3101-TP \$2,061.00
    - 0.01 11 02,00110
- Model 3001 Base cabinet, master "On-Off" switch, pullout drawer, 4" locking casters, and six outlet-electrical assembly. 26" H × 261/2" W × 28" D. Wt. 150 lbs.
   3001 \$889.00





NOTE: Specify type of 1" VTR when ordering.



## Matchmaker Components For Custom Consoles (30")



 $30^{\prime\prime}$  Wide frames and components create the perfect set-up for  $3\!\!\!/'$  U-matic systems.

1. **Extended Frame** "L" frame of 1"  $\times$  2" tubular steel is slotted to accept shelves and drawer units at 1" increments. Heavy-duty 5" casters (two locking). Cocoa Brown enamel finish. 72" H  $\times$  30" W  $\times$  26" D. Wt. 63 lbs.

9200XG \$332.00

Optional back panels for 9200XG. Wt. 18 lbs.

920 BP-2 \$66.00

1. Basic Frame Same features as our 9200XG. Dimensions 56" H  $\times$  30" W  $\times$  26" D. Wt. 56 lbs.

920 \$264.00

Frame without removable back panels (not shown). Wt. 37 lbs.

9200 \$198.00

 Mini Frame Same features as 9200XG and 920 frames. 36" H × 30" W × 26" D. Wt. 29 lbs.

> 92030 \$124.00 Nt 10 lbs

Removable back panel for 92030 short frame. Wt. 10 lbs.

920BP-1 \$33.00

Basic Frame Extension Kit Two 16" extensions and two side support

- Basic Frame Extension Kit Two 16" extensions and two side support gussets. Increases frame height to 72" and frame load capacity to accept up to five VCRs. Wt. 25 lbs.
- Flat Monitor Shelf Made of %" particle board with walnut laminate top. Safely holds TV monitors. Includes front and rear metal shelf stiffeners. Steel brackets in Beige. 29¾" W × 18" D. Wt. 18 lbs.
- 930 \$76.00
  4. Extended Monitor Shelf 42" wide monitor shelf. Holds two 19" monitors. Same construction as 930 monitor shelf. 42" W × 18" D. Wt. 25 lbs.

 Monitor/Rack-Mount Shelf Angled shelf holds monitor or may be used to suspend rack-mount cabinet under shelf. 5° angle for glarefree viewing. 29" W × 18½" D. Wt. 19 lbs. Beige enamel.

6. Angled Monitor Shelf Holds up to a 25" monitor. Angled at 5° for

- glare-free viewing. Adjusts up and down in 1" increments. Beige enamel finish. 29" W × 22" D. Wt. 20 lbs.

  938 \$85.00

  Mini-Monitor/Cassette Shelf All steel shelf. Holds two small moni-
- tors or extra videocassettes. 29" W × 9" D. Wt. 8 lbs 939 \$28.00 8. Flat Editor Shelf Accommodates all sizes of editors. Made of %"
- Flat Editor Shelf Accommodates all sizes of editors. Made of %" particle board with walnut finish. Pullout adds 12" of working surface. Beige enamel steel brackets. 29¾" W × 26" D. (38" D when extended). Wt. 40 lbs.
- Flip-Up-Shelf Increases working surface of 940 editor shelf. Can be added to existing units. Installs on left or right side of shelf. Walnut wood-grain laminate top. Beige steel bracket. 12" W × 26" D. Wt. 24 lbs.
- 941A \$79.00

  10. Pull-Out Editor Shelf Pulls forward from frame a full 10". Permits more relaxed viewing of monitors or rack equipment. Comfort edge top is 11/8" thick with plastic laminate; putty color with trim. Steel slideout frame with Beige enamel finish. 9" H × 30" W × 24" D. Wt. 42 lbs.

  946 \$249.00
- 11. Pull-Out Switcher Shelf Sloping switcher turret for operator comfort (17½" rack space). Same features as 946 Pull-Out Editor Shelf. Steel knee guard under shelf protects switcher and cables. Large cable holes in rear frame. Steel slide-out frame in Beige enamel. 13" H × 30" W × 24" D. Wt. 44 lbs.

948 \$349.00



# Matchmaker Components For Custom Consoles (30")





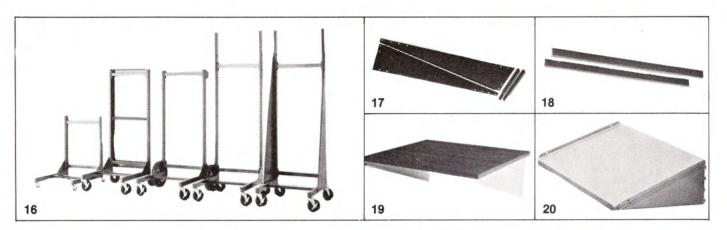




- 12. Low-Profile VCR Shelf Holds all sizes of videocassette recorder/players. Lower profile design increases space for other equipment. Pull-out sliding shelf with 12" safety stop. Made of 5%" particle board with walnut woodgrain laminate top. Steel brackets in Beige enamel. 734" H × 29" W × 24" D. Wt. 29 lbs.
  - 950 \$108.00
- Rack-Mount/Fixed VCR Shelf Use for positioning rack-mount cabinets at any height on 920 frame. May also be used as a fixed VTR shelf. Beige enamel finish. 7¾" H × 29" W × 18½" D. Wt. 20 lbs. 953 \$69.00
- 14. VCR Drawer Holds any size videocassette recorder/player. Drawer bottom is punched for installation of muffin fan to dissipate heat. Four roller bearing pull-out shelf with 12" safety stop. Steel drawer with Beige enamel finish. 8" H × 29¾" W × 24" D. Wt. 47 lbs.
- 15. VTR Cabinet Includes pull-out shelf with 12" safety stop for easy access to VTR. Locking ventilated rear panel is removable for full access. Locking tip-up door. Cabinet finished in Beige and Black enamel. 16" H × 29" W × 24" D. Wt. 65 lbs.

965 \$287.00

## Matchmaker Components For Custom Consoles (22")



### 22" Wide Frames and Components for 1/2" VCR Systems

- Mini-Frame Ideal for over-the-top viewing and mini consoles. Four 2" hooded ball-type casters. Dimensions: 32" H × 22" W × 26" D. Cocoa Brown enamel finish. Wt. 28 lbs.
  - 92230 \$122.00
- 16. Basic Frame Compact "L" frame has the same rugged construction as model 920 frame. Dimensions: 56" H × 22" W × 26" D. Wt. 55 lbs. 922 \$259.00 Same frame without removable back panels. Wt. 37 lbs.
- 9220 \$195.00

  16. Wheel Frame Basic 922 frame with easy-rolling 10" pneumatic wheels and handle. Combine with rack-mount cabinets for portable EFP centers. Dimensions: 56" H × 31" W × 33" D. Cocoa Brown finish. Wt. 60 lbs.
- 16. Extended Frame Space-saving extended 922 "L" frame. Heavyduty 5" casters (2 locking). Dimensions: 72" H × 22" W × 26" D. Cocoa Brown baked enamel finish. Wt. 43 lbs.
  9220W \$344.00
  922 W × 26" D. Occoa Brown baked enamel finish. Wt. 43 lbs.
  9220X \$225.00

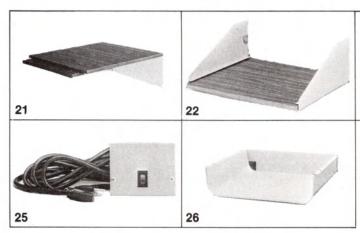
- Extended Gusseted Frame Basic 922 "L" frame with 16" extensions and steel side gussets to support heavier frame loads. Heavy-duty 5" casters (2 locking). Dimensions: 72" H × 22" W × 26" D. Baked enamel finish in Cocoa Brown. Wt. 63 lbs.
- 9220XG \$309.00

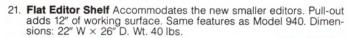
  17. Basic Frame Extension Kit Two 16" extensions and two side support gussets. Increases frame loading capacity and frame height to 72". Cocoa Brown finish. Wt. 25 lbs.
- Rear Leg Frame Extension Used with 92230 mini frame when shelves and rack-mount cabinets are installed on the back side of the frame. 2" H × 1" W × 45" D. Cocoa Brown finish. Wt. 15 lbs.
- Flat Monitor Shelf Sturdy shelf with same rugged construction as Model 920. Holds video monitor or other teleproduction equipment safely. Dimensions: 21¾" W × 18" D. Wt. 15 lbs.
- Monitor/Rack-Mount Shelf Angled shelf with side rails holds monitor or suspends rack-mount cabinet under shelf. Angled 5° for glare-free viewing. Dimensions: 21" W × 18½" D. Beige enamel finish. Wt. 18 lbs.

934 \$74.00



## Matchmaker Components For Custom Consoles (22")





Compact VCR Shelf Accommodates any Beta or VHS VCR. Same pull-out features as Model 950. Dimensions: 734" H × 21" W × 18" D. Wt. 20 lbs.

23. **Compact VCR Drawer** Holds new Sony Type 5 5850 Videotabe recorder. Four roller bearing pull-out shelf with 12" safety stop. Steel drawer with Beige enamel finish. 8" H × 21¾" W × 24" D. Wt. 45 lbs.





Full Extension Shelf and Frame Stabilizer Bars (not shown) Shelf is designed for Sony "Type 5 and Series 800" VTRs to allow full top machine access. Shelf extends full 22". **IMPORTANT:** One pair of frame stabilizer bars must be bolted to 922 series of frame legs when using these shelves. **NOTE:** Only one shelf at a time may be extended 8" H  $\times$  21%" W  $\times$  24" D.

**962EX** Extension Shelf Wt. 41 lbs. **\$249.00 962SB** Stabilizer Bar Wt. 14 lbs. **\$44.00**/pr.

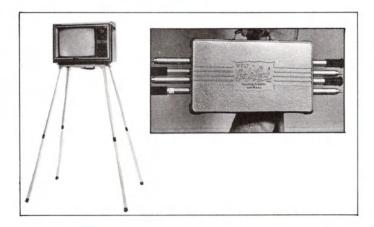
**Matchmaker Accessories** 

- 24. Electrical Assembly Hooks into the front or back of either the 920 or 922 frame. Adjustable width. Includes six outlets with circuit breaker, master switch, pilot light, 15' 3-wire cord and frame mounting bracket. Wt. 5 lbs.
- 25. Remote "On-Off" Switch Use with 136 six outlet electrical assembly for handy "On-Off" lighted switch of entire system. Comes with 12' line cord, 15 amp circuit breaker protection and one plug in. Wt. 2 lbs.
- 26. **Script/Audio Shelf** Screws to the underside of the 930 shelf for extra storage space. 3½" H × 15" W × 15" D. Wt. 2 lbs.

937 \$24.00

NOTE: Shipped F.O.B. Minnesota

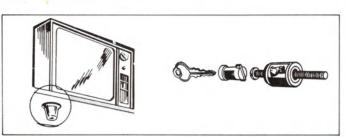
### Portable Video Monitor Stand



Properly position monitors/receivers when on location. Stand has a top area of 11" × 19" and the height is adjustable from 32" to 56". Weighs only 14 lbs. Solid aluminum top plate. Anodized aluminum legs with rubber tips. Fitted with heavy-duty carrying handle and built-in leg holder. Legs screw directly into the table casting for exceptional stability.

203-56 \$116.95

## Equipment Lock ==



Fool-proof method of ensuring the security of video equipment. Ingenious tamper-proof one-point locking system offers maximum security at minimal cost. Simple to install. Drill ¼" hole in mounting surface and through case of unit being protected. Free-spinning wrench-resistant steel body utilizes precision, removable double-bitted lock plug that can only be removed by keyholder.

MK-1 \$15.95

# **Background Materials And Scenery**

## Seamless Background Paper

Color	Model No.	Length (yds.)	Price
Super White	SBP-01-12	12	\$ 35.00
	SBP-01-50	50	132.00
Sky Blue	SBP-02-12	12	35.00
	SBP-02-50	50	132.00
Crimson	SBP-06-12	12	35.00
	SBP-06-50	50	132.00
Studio Grey	SBP-12-12	12	35.00
	SBP-12-50	50	132.00
Toast	SBP-19-12	12	35.00
	SBP-19-50	50	132.00
Black	SBP-20-12	12	35.00
	SBP-20-50	50	132.00
Gulf Blue	SBP-30-12	12	35.00
	SBP-30-50	50	132.00
Canary	SBP-38-12	12	35.00
	SBP-38-50	50	132.00

Extra Wide 140" W × 100' L Rolls: SBP-01-140 Super White \$165.00 \$BP-20-140 Black \$165.00

Ideal for use as inexpensive portable backdrops. Each color is available in 107 in. width in either 12 or 50 yd. L rolls. (Super White and Black are also available in 140'' W  $\times$  100' L rolls.)



APPLICATION NOTE: Sky Blue (SBP-02) is ideal for use with chroma-key.

NOTE: Because of width all background paper must be shipped via truck.

12 yd. roll (4 roll minimum) Approx. Wt. 12 lbs./roll Approx. Wt. 49 lbs./roll

SEE BACK COVER FOR COLOR SELECTION SAMPLES

### CYCSCREEN

The new alternative to fabric. Durable, flame-retardant CYCSCREEN permits lighting from the front or rear. Ideal as a complete studio backdrop. Surround the entire set. When rear is lit, the scalloped effect associated with strip lights is eliminated permitting all light equipment to be located behind the cyc. Absorbs hollow sounds and echos.

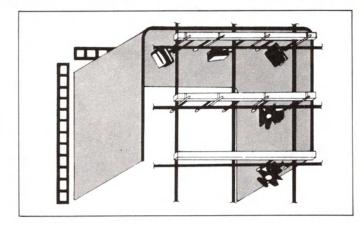
Grommets and pipe pockets to your specification.

Delivery 5-6 weeks; 50% deposit required.

\$4.50/sq. ft.

Please give full dimensions with all specifications.

MENV



SHIPPED F.O.B. New York

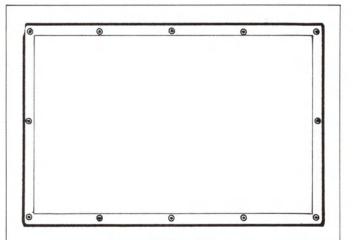
# Projection Screen

Twin white front and rear projection screens can be lit with blue light for chroma-key or used for slide/video projection on a video set. Ideal for graphics. Four sizes available in proper TV aspect ratio.

Grommets every 10 inches for mounting or stretching.

Model Number	Dimensions	Price
PS46	4½' H × 6' W	\$ 99.00
PS79	7' H × 9' W	299.00
PS912	9' H × 12' W	499.00

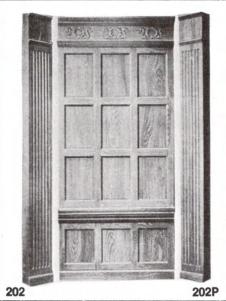
MIEWV



We when seeing

Comprehensive 8

# Scenic Backgrounds



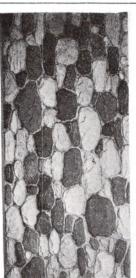
204

315B









These handsome background pieces have been cleverly fabricated from light-weight vacu-mold vinyl plastic.

Ideal for use as inexpensive studio sets in office or corporate situations.

Each panel comes painted, framed and ready to use. Dimensions:  $4' \times 8' \times 4''$  for panels,  $1' \times 8' \times 4''$  for pilasters.

Due to custom painting, panels purchased at different times may vary in shade and appearance.

NOTE: Allow 4-6 weeks for delivery.

	Model No.	Description	Price
HEW	202	English Oak Panel	\$185.00
HEW	202P	English Oak Pilaster (ea.)	\$120.00
	204	Italian Provincial Panel	\$185.00
	205	Library Panel	\$255.00
	207	Castilian Panel	\$185.00
	207P	Castilian Pilaster (ea.)	\$120.00
HEW	315B	Colonial Brick	\$220.00
NEW	320	Field Stone	\$185.00

205

320

SHIPPED F.O.B. New York

## **Scenery Kits**

These well-designed easy-to-assemble units are of professional stage quality

Pre-cut, ready to assemble parts and materials for the construction of scenery flats. Elements are prepared as shown in the illustration.

All corner blocks and key stones are attached to one part of each member as illustrated. Kits are supplied in standard sizes listed. Included in each kit are muslin, clout nails, glue, whiting and wheat paste. Also included are brace cleats and flat tie-off cleats. Shipped flat, ready to set up.

Plain Fla Model	t Kits		Height	KEW
No.	Width	10'	12'	14'
PFK1	1'	\$80.00	\$ 86.00	\$ 93.00
PFK2	2'	82.00	88.00	95.00
PFK3	3'	86.00	93.00	99.00
PFK4	4'	93.00	99.00	105.00
PFK5	5'	101.00	109.00	115.00
PFK59	5'9"	102.00	112.00	118.00

NOTE: When ordering Plain Flat Kits, specify height requirements.

### Door Flat

Ready to assemble; 5'9" wide **DF-10** 10' High **\$130.00 DF-12** 12' High **\$135.00 DF-14** 14' High **\$140.00** 

### Window Flat

Ready to assemble; 5'9" wide

**WF-10** 10' High **\$130.00 WF-12** 12' High **\$135.00** WF-14 14' High \$140.00

### Single Door

Complete - ready in place in position already hinged

SD-1 \$140.00

### Double Hung Window

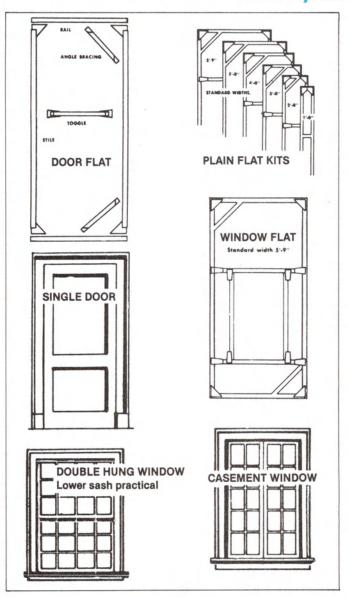
Comes complete - ready to install in 5'0" wide flat. (No glass in window.)

DHW-1 \$112.00

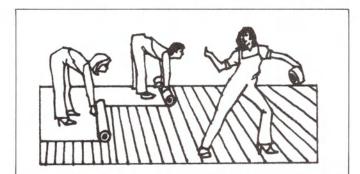
### **Casement Window**

Comes complete - ready to install in 5'9" wide flat. (No glass in window.)

CW-1 \$122.00



## Portable Studio Floor





This durable flooring material has a non-skid surface of a nonreflective matte vinyl material. (Black on one side, grey on the other.) Flooring can be used on any surface and may be easily rolled up and used on either side.

Problem: Going on location only to find the floor unsuitable, or

Installs quickly with double-stick tape.

your studio floor clashes with the set. Solution: Portable Studio Floor.

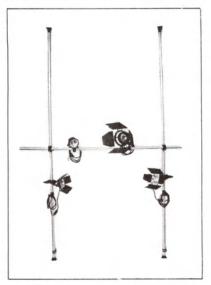
**PSF** 63" wide — 10 ft. minimum order — **\$8.00** per linear ft.





# **Background And Lighting Supports**

## Universal-Pole System





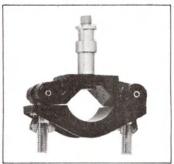
### NEW

A unique light-weight pole system that offers unlimited possibilities for supporting lights, backgrounds or cameras. Comprehensive's Universal-Poles and special round clamps set up quickly and easily. The basic Universal-Pole can be used floor to ceiling or horizontally between two walls.

Model No.		Closed	Fully Extended	Price
CUP-1	Set of two Universal-Poles	47"	70"	\$ 99.00
CUP-3	Set of two Universal-Poles	8'8"	11'	119.00
CUP-X	Set of two 33" extensions	_	_	19.00

Extensions interconnect to reach unlimited lengths.





Round-to-Round Cross Clamp

An attached pair of round clamps for connecting two intersecting Universal-Poles. Unique locking system allows clamping to round poles ranging in diameter from 1%" to 1".

RC-2 \$19.00

**Round Clamp with Stud** 

Clamp with equipment mounting stud. Features reversable %'' - %'' stud for light fixtures and a  $\frac{1}{4}'' \times 20$  thread for camera mounting. Unique locking system allows clamping to round poles ranging in diameter from 1%'' to 1''.

RC-S \$14.00

# Super Clamp =



The Ultimate Third Hand

Made of light-weight, cast alloy, the super clamp's friction-lined, screw operated jaws open to 2" and will clamp to pipes, overhead grids, beams, doors, Universal-Poles, or tripods/stands of all dimensions.

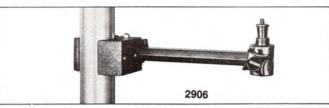
A special feature is a detent operated safety lock which holds accessories in place even if the locking knob is not tightened. The %" diameter (standard light mount) stud also has a ¼" - 20 tripod thread tip, and can, in addition, be used to join two super clamps together as a variable angle connector between two poles. For greater strength when setting up heavy frameworks for studio sets, each clamp is tapped for 10-32 screws; two clamps can be fastened with jaws either at right angles, or parallel. With the accessories available for the super clamp, the flexibility and configurations possible are limited only to your own imagination.

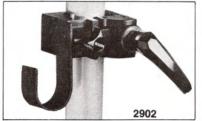
2900 Super Clamp \$22.00

Comprehensive

Supply CORPORATION











2902 U-Hook Cross Bar Holder 2903 Narrow U-Hook 2904 "L" Bracket Shelf Holder 2906 Extension Arm \$ 6.50 \$ 6.50 \$ 9.50 \$17.50 2921 (2) Hooks only for wall mounting.
Drilled for #10 screws.
Will accommodate 3 Expan units

2955 Background holder set consisting of 2 hook sets mounted on super clamps

**\$60.00** set

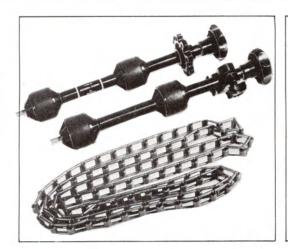
**EXPAN** 

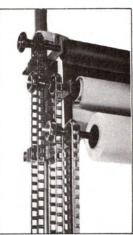
A background drive system that simplifies raising and lowering of background paper rolls. One side has a large toothed gear to which a nylon link fastens; the other side has an adjustable tension drag.

2920 Expan set for one roll \$43.95

NOTE: Our 50 yard seamless paper roll (see page 87) has a core and works very well with the EXPAN units. If you buy seamless paper without a core (such as our 12 yard rolls), you will need an Alu-Core 2922 for each roll used with EXPAN.

2922 Alu-Core \$33.95 each





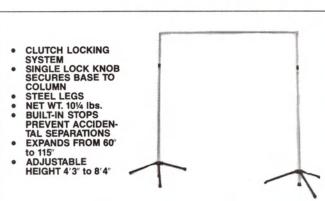
# Background Support Unit

Versatile, compact 3-piece system requires no tools to set up.
Constructed of heavy-duty anodized aluminum with gold satin finish. Folding steel tripod legs for added stability.
The fully-adjustable height and width makes unit ideal for:

Seamless Paper

- Lighting/Microphones
- Drapes/Backgrounds
- Booths/Display Panels
- Movie Screens

BG-115 \$85.95



## Rolling Studio Ladders



Adjust lighting, scenery, sets and props easily or position your camera at an overhead angle. The Comprehensive rolling studio ladder has a thousand uses. Constructed of durable steel with non-skid safety tred on each step. OSHA approved. Shipped knocked down. Assembles with two bolts in just two minutes. All ladders are 26" wide. Weight Capacity: 250 lbs.

Model	Number of Steps	Height of Top Step	Overall Height	Price
RSL-5	5	50"	80"	\$179.00
RSL-7	7	70"	100"	\$239.00
RSL-10	10	100"	130"	\$349.00



SHIPPED F.O.B. Texas.

### Versaladder







### Dozens of Ladders in One!

All your ladder needs (even those you didn't know you had) can be solved with the Versaladder. Even the most unusual angles can be safely configured. Use it to adjust hard-to-reach lighting, scenery, microphones or other studio hardware. Ideal for the ENG cameraman who needs to get above the crowd.

- Folds and locks into a variety of angles and configurations
- Safe anti-slip rungs and anti-slip pads
- Flared at top and bottom for safety and stability
- Rugged light-weight aluminum construction Folds easily for packing
- Weight capacity 250 lbs.

Model	No. of Folding Sections	Rungs	Total Extended Length	Price
CLM-608	4	8	8 feet	\$ 99.00
CLM-612	4	12	12 feet	129.00
CLM-616	4	16	16 feet	169.00

(some assembly required)

Camera 1	Camera 3	Line	Film Chain
Camera 2	Camera 4	Tape 1	Tape 2
Aux 1	Aux 2	Program	Preview
VTR 1	VTR 2	Slide	Air

## NOTICE

ABSOLUTELY NO ONE OTHER THAN AUTHORIZED TRAINED PERSONNEL MAY OPERATE THIS EQUIPMENT

### **Equipment & Monitor Labels**

These Fluorescent Red Glow labels are designed for remote shooting when using a mixture of rented, borrowed, or "yanked" equipment in a temporary set-up. Far easier than scribbling abbreviations on masking tape.

> 9600 Set of 16 as shown \$3.50 (each label is  $1\frac{1}{4}$ "  $\times$  4")

Engraved Warning Plate
Made of tough plastic. Will not chip or shatter. Red with white engraved letters. Size 4" × 7".

WP-1 \$15.00



## Professional Gaffers Tape

Gaffers Tape matte surface cloth tape is ideal for a wide range of holding and sealing purposes in video/photo/motion picture applications.

- Positive waterproof and dirt resistant seal
- Easy, clean removal
- Abrasion resistant
- Conforms well to irregular surfaces
- Performs well over a wide temperature range
- Easy hand tear
- Shock resistant
- Meets Government packaging specifications PP-T-60D Type IV Class 1.

Beware of imitations ("duct tape") — Comprehensive offers only genuine Professional Gaffers Tape.

					1-53	54+ (Case)
HEW	GT-10B	Black	2" W ×	10 yds.	\$2.99 ea. 2.99 ea. 2.99 ea.	\$2.49 ea. 2.49 ea. 2.49 ea.
				,		



GT-60 Silver 2" W × 60 yds. 12.49 ea. 10.62 e	ase
NEW GT-60B Black 2" W × 60 yds. 12.49 ea. 10.62 € NEW GT-60W White 2" W × 60 yds. 12.49 ea. 10.62 €	ea.

## ■ Professional Gaffers Kit

Everything the gaffer needs for studio or location situations.

### Contents:

2 rolls 1 roll 1 roll 1 roll 1 roll 1 roll	Silver Gaffers Tape Silver Gaffers Tape Black Gaffers Tape White Gaffers Tape Masking Tape Black Masking Tape	2" × 60 yds. 2" × 10 yds. 2" × 10 yds. 2" × 10 yds. 2" × 60 yds. 34" × 60 yds.
1 roll	Electrical Tape & Vinyl	$\frac{3}{4}'' \times 66 \text{ ft.}$
1 roll	Friction Tape Double Stick Foam Tape	$\frac{3}{4}'' \times 60 \text{ ft.}$ $\frac{1}{2}'' \times 36 \text{ yds.}$
1 each	Professional Electrician's Knife	
1 each	Electrician's Asbestos Work Gloves	
1 each 1 pkg.	Dulling Spray Reusable Cable Tie (100/pk)	

PGK-1 \$99.95





## "On Air" Light

Large, bright, attention-getting warning light. The outside is white, then flashes red when the light is turned on. Uses a standard 25W red incandescent bulb (supplied) and is designed for easy surface mounting.

3636 \$39.95





# PRODUCTION SUPPLIES

### Electronic Stopwatches



### Superb Accuracy For Video Tape Production and Editing

These electronic stopwatches are simple to operate, have no moving parts to wear out, and feature bright, easy-to-read displays.

Model SE: Single Event

When it comes to timing a video tape or segment, electronic stopwatches are the only way to go. Invaluable for pre-production planning, actual production and post-production. 100 times the accuracy of a mechanical stopwatch.

Six bright red LED digits

- Time in minutes, seconds, and hundredths of a second
- High impact ABS case

- Weight 5 oz. Size 3%" ×  $2\frac{1}{2}$ " ×  $1\frac{1}{2}$ "
- 0.002% accuracy
- Solid State C/MOS circuitry 3.2768 MHz Quartz Crystal
- Batteries included

SE \$49.00



### Model 2D

- Dual 1/100 second LED display
- Cumulative (split) timing
- LAP (Taylor) timing
- Simultaneous cumulative and lap timing to one hour roll-over to continue
- Low battery indicator
- Equipped with a Lanyard
- Batteries included

2D \$99.95



- Model LC-MST: Memory

  1/100 second 1/4" liquid crystal (LCD) dis-
- Timing Functions
- Single event/uninterrupted event from beginning to end
- Cumulative (split) overall time and total time elapsed at any point
- LAP (Taylor) individual time of events in sequence
- Addition (time-out) interrupted or delayed events
- Memory Computer

Recalls up to 4 cumulatives

- Recalls up to 4 LAPS
- One hour total time (automatic roll-over to continued timing)
- Times separate events and give difference in time
- Safety reset cannot be accidentally reset
- Equipped with lanyard
- Water-tight construction of ABS plastic and Lexan optical grade viewing screen
- Batteries included



LC-MST \$79.95

# Breakaway Bottles and Glasses =



Bottles and glasses that shatter with an impact that looks real and sounds real. Absolutely safe. Fragments will not harm actors or technicians.

Model No.		Color	Price
BB-2	Whiskey bottle, Quart size	Amber or Clear	\$90.00/doz.
BB-3	Wine bottle, Quart size	Green or Clear	\$90.00/doz.
BB-4	Cola bottle, 16 oz. size	Clear	\$90.00/doz.
BB-5	Water glass, 10 oz. size	Clear	\$90.00/doz.
BB-6	Beer bottle, 16 oz. size	Amber or Clear	\$90.00/doz.

Specially designed light-weight master package ensures intact delivery with minimal freight costs.

Each master shipping case contains one dozen of ONE STYLE of breakaway product, individually wrapped.

NOTE: Available only in case lots. It is impossible to guarantee safe arrival of individual units. Specify color when ordering.



# PRODUCTION SUPPLIES

# **Music and Sound Effects**

## Comprehensive Production Music Library

Over 150 different music selections on 8 stereo LP discs that represent a totally unique library in both style and cost.

No "needle drop," annual clearances or program charges. All clearance fees are covered by the purchase of the albums. A complete buy-out music library! No need to worry about paying a copyright fee each time you use music in your production, or reviewing expensive annual agreements.

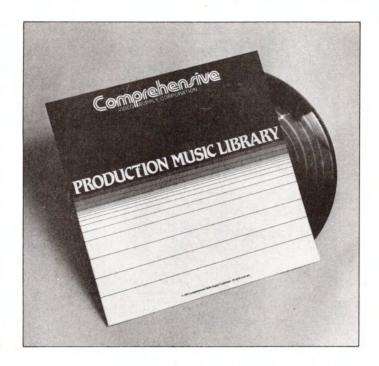
- State-of-the-art 24 track recording
- Full orchestration
- Ideal for industrial/educational programs as well as broadcast applications.
- Can be used over and over again
- Produced by professionals in the commercial recording field

**Library Contains:** 

- **3 Contemporary Albums** featuring up, medium and slow tempos with over 60 selections
- 1 Jazz Album featuring Blues, Dixieland and Ragtime music; 10 selections
- 1 Classical Album featuring full symphonic orchestral arrangements of Chopin, Bach, Mozart, Tchaikovsky and Grieg; 10 selections
- 2 Electronic Music and Synthesized Effects Albums over 30 selections
- 1 ID and LOGO Album featuring 44 individual tags and segways ranging from 4 to 10 seconds

HEW

PML-8 \$395.00



### Sound Effects Libraries

### "From a cat's meow . . . to a lion's roar."

The finest professional-grade recorded sound effects. Full-frequency LP discs are quick-cued and fully indexed for convenience. Widely used by broadcasters, recording studios, and motion picture producers.

Libraries contain wide range of animal sounds, musical instruments, crowd noises, bells/chimes/sirens, laughter/crying, footsteps, electronic/industrial sounds, cars/boats/planes and hundreds more all in various lengths. Sold as sets only. Albums not available individually.

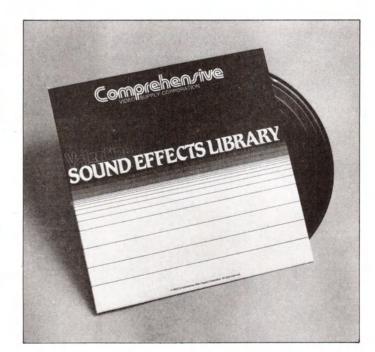
- SEL-30 Professional Sound Effects Library 30 LP discs containing over 1,000 different effects.
- \$285.00

  SEL-15 Studio Sound Effects Library
  15 LP discs containing over 500 different effects.

\$145.00

SEL-7 Basic Sound Effects Library
7 LP discs containing over 250 different effects.

\$70.00



# ALL ROYALTY AND LICENSE FEES ARE INCLUDED IN PURCHASE PRICES

NOTE: Send for FREE demo of both Production Music and Sound Effects libraries.



# PRODUCTION SUPPLIES

### Title Letter Sets:

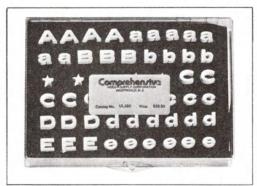


No production is complete without titles to introduce, document, and give credit to those responsible. Here is a simple, inexpensive way to compose your titles.

Sets contain self-adhesive precision-molded letters for clear, crisp legibility at all titling distances. Letters adhere to any smooth, hard, dry surface and can be used over again. Title as you record with letters mounted anywhere (doors, windows, glass, titling stands).

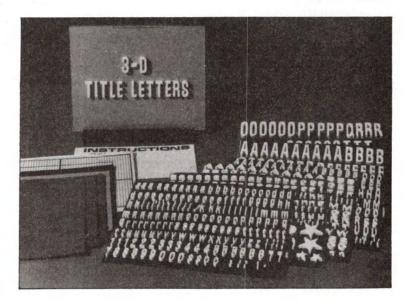
**UL-340**—Condensed ¾" upper and lower case in a lucite case containing 310 letters

UL340 \$29.95



**UL380**—Expanded 3/8" upper and lower case in a lucite case containing 310 letters.

UL380 \$29.95

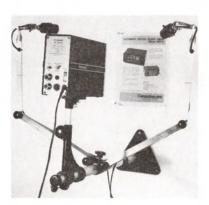


### **Professional Title Letter Kit**

This set contains over 1000 letters and characters; 1 1/4", 3/4", 3/8" condensed and expanded, upper and lower case. Also included are sandwich glass panels and titling stand, colored backgrounds and a translucent sheet for rear projection.

DP-90 \$69.95

# Copy Stand



Ideal for producing graphics with a video camera. Unit may be wall-mounted in the studio or control room or used in a vertical position.

The column is adjustable from 15" to 36", and the camera mounts adjust from 8" to 36" from the base. Lamp arms swivel and lock in any position. Pneumatic column assembly locks instantly and smoothly at any height. Solid aluminum camera mount bar adjusts 3½" back and forth in the arm casting. (Lamps not included.)

ICO-B \$130.00

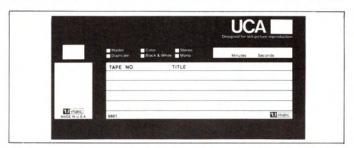
Keep your re-recorded video cassettes accurately labeled with Comprehensive's pressure-sensitive labels and status markers.

# Video Labels and Cards

## **Video Cassette Insert Cards**

Designed to fit the clear plastic windows on the front and binder edge of videocassette storage boxes (see page 109).

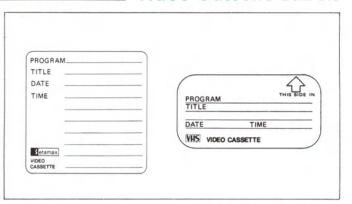
	Model #	Description	Price/Quantity
HEW	9603	Beta 1/2 in.	\$3.00/pkg. (50)
HEW	9604	VHS 1/2 in.	\$3.00/pkg. (50)
	9601	U-Matic ¾ in.	\$4.00/pkg. (50)
	9602	Mini U-Matic ¾ in.	\$3.00/pkg. (50)



### Video Cassette Labels

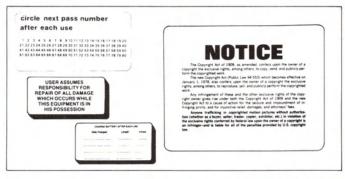
Designed to fit the designated face and end positions on video cassettes of all formats.

	Model #	Description	Price/Quantity
	Face Lab	els:	
	9605	Beta 1/2 in.	\$6.00/pkg. (50)
	9606	VHS ½ in.	\$5.00/pkg. (50)
HEW	9610	U-Matic ¾ in.	\$8.00/pkg. (50)
KEW	9611	Mini U-Matic ¾ in.	\$7.00/pkg. (50)
	End Labe	els:	
HEW	9608	Beta or VHS ½ in.	<b>\$3.00</b> /pkg (50)
HEW	9612	U-Matic & Mini U-Matic	04 50/ 1 (50)
		3/4 in.	<b>\$4.50</b> /pkg. (50)



## Video Usage Labels

Model #	Description	Price/Quantity
9001	Videotape Pass/Record	\$9.00/pkg (100)
9012-M	Battery Status	\$9.00/pkg (100)
9017-M	for Rental/Loaner Equipment	\$9.00/pkg (100)
9018	Copyright Notice	\$6.00 pkg (50)



## Label-Off Kit

This kit is designed to facilitate the removal of permanent pressure-sensitive labels, without damaging plastic surfaces.

### Contains:

2 ea. 2 oz. bottles of Texsolve #5 solvent

100 ea. Cotton swabs

150 ea. 4" × 4" lint free wipers 1 ea. Retractable razorblade

LOK \$24.95



# **Audio & Video Tape Fluorescent Status Markers**

3/4" Dia. Pressure Sensitive Labels

Pkg. of 100 \$1.99 ea.

DUB

BAD

ERASE

CVL-1

CVL-2

CVL-3

color

CVL-18

REWIND AFTER USE

CVL-19

**BLACK** and WHITE

CVL-20

AUDIO on Ch. 1 ONLY

CVL-21

AUDIO on Ch. 2 ONLY

CVL-22

AUDIO both

Channels

DUAL LANGUAGE TAPE

CVL-23 CVL-24

Has Color Bars CVL-25

Test Tape CVL-26 NTSC CVL-45

G CVL-46

PG CVL-47

R CVL-48 X

CVL-49

"WARNING!.

## WARNING!

Federal law provides severe civil and criminal penalties for the unauthorized reproduction, distribution, or exhibition of copyrighted motion pictures and video tapes.

This bright red fluorescent label fits on the edge of any Beta, VHS, or 3/4" U-Matic cas-Gets the message across loud and clear to those who handle tapes covered by copyright laws

9016 \$5.00/pkg (100)

1" × 1½" Rectangular Pressure Sensitive Labels

Pkg. of 100 \$2.99 ea.

MASTER

CVL-4

Dub no. date

CVL-5

Reel No. Date

CVL-6

D0 NOT

WARNING DO NOT SHOW OR DUPLICATE WITHOUT PERMISSION

CVL-8

DAMAGED **TAPE** 

CVL-9

**Used Tape** AVAILABLE FOR REUSE

CVL-10

This package contains **VIDEOTAPE Handle with Care** 

CVL-11



 $1'' \times 1\frac{1}{2}$  Rectangular Pressure Sensitive Labels (cont'd)

Pkg. of 100 \$2.99 ea.

OK To Erase

Initials \_\_\_\_\_

CVL-12

Date \_\_\_\_

HEADS CLEANED Date

Initials

CVL-16

**Edited** 

CVL-29

BULK ERASED

CVL-33

BAD TAPE

FROM\_\_\_\_\_TO\_\_\_\_

CVL-37

TIME

HOURS MINUTES SECONDS

CVL-41

COPY

CVL-13

AUDIO TRACK ONLY

CVL-17

Time Coded

CVL-30

Tape<sup>#</sup>\_\_\_\_\_ Title \_\_\_\_\_ Length \_\_\_\_\_

CVL-34

DUB#

CVL-38

UNEDITED

CVL-42

SPLICED

CVL-14

MASTER Do Not Erase

CVL-27

Film Transfer

CVL-31

**BETA**FORMAT

\_\_\_\_ Hour

CVL-35

**MASTER** 

DO NOT CIRCULATE

CVL-39

CONFIDENTIAL

CVL-43

RETURN TO CLIENT

CVL-15

**Edited Master** 

CVL-28

**EXCESSIVE DROPOUTS** 

CVL-32

VHS

\_\_\_ Hour

TAPE #

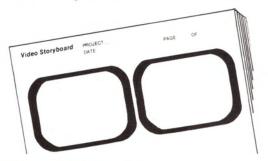
CVL-40

RATED

CVL-44

# Storyboards, Forms and Work Sheets

## Video Storyboards



Organize your productions the easy way. Storyboards help to visually plot your shot sequence. Each storyboard frame provides space for action, descriptions, camera commands and audio instructions.

Model #	Frames	Frame Size	Page Size	Price
1778	16	1 1/2 in.	8½ in. X 11 in.	\$3.75/pad (100 sheets)
1780	4	3 1/2 in.	8½ in. X 11 in.	<b>\$3.75</b> /pad (100 sheets)
1781	8	2 5/8 in.	11 in. X 11 in.	<b>\$5.75</b> /pad (100 sheets)

## Videoscript:



Organize your ideas on paper before production. The Videoscript offers an easy way to put your production ideas into written form. The video side is for camera instructions; the audio side for voice, music, and narration. A special instruction column lists cues and time designations.

The Videoscript is printed on light blue paper, allowing it to be used on camera with minimal reflection.

6278 (8½ in. × 11 in.) \$3.50/pad (100 sheets)

# Field Footage Log :



This is your production/post production record of each shot. Find that certain scene, specific take, and exact time with ease.

**6249** (8½ in. × 11 in.) **\$3.50**/pad (100 sheets)

## **Camera Shot List**



The camera shot list is a great aid to camera operators during production. Each sheet allows for 25 specific shot notations.

**1779** (4½ in. × 11 in.) **\$2.75**/pad (100 sheets)

### **Edit Worksheet**



Plan your edit sequences the easy way. The "Edit Worksheet" provides space for running time, counter times (in and out of each segment) and a brief description of the segment.

Useful during the evaluation of tapes prior to editing, during the editing process, or for post-production planning.

6244 (8½ in. × 11 in.) \$3.50/pad (100 sheets)

### Model Release Forms

IMPORTANT. Minimize possible legal risks. ALWAYS obtain a (legally) signed Model Release from your talent (whether on camera or voice-over) - especially if your production may ever be used for commercial, social, or political purposes of any kind.

**Short Form** for unpaid talent in non-commercial production. **Long Form** for paid talent or any professional production.

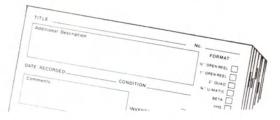
Model #	Description	Price/Quantity	
6634	Short Form	\$2.75/pad (100 sheets)	
6678	Long Form	\$3.50/pad (100 sheets)	



## **Videotape Inventory Card**

The videotape inventory card is printed on high quality white index card stock and is ideal when no tape copy is needed or required. These easy to use cards are printed ADP (data processing) size for quick filing and reference. Makes it easy to get organized.

6394 100 cards \$2.75



## **Videotape Duplication Request**

Often the person who requests a duplicate video tape is not the person who actually makes the dub. The video duplication request form eliminates the problem of providing both requestor and requestee with a clear understanding of what is to be done. Now the requestor can specify in writing format, length, deadline, etc., for each dub needed avoiding confusion, delay and unnecessary work.

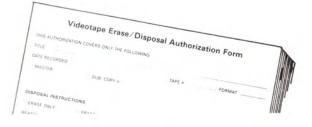
**6210** 50 sets **\$2.75**/pad (100 sheets)



# Videotape Erase/Disposal Authorization Form

Guard against accidental erasure of valuable videotapes. No tape should be erased unless accompanied by this form. It will help insure that the tape has been evaluated and written approval has been given to erase or dispose, thereby avoiding costly mistakes.

6252 \$2.75/pad (100 sheets)



## The Video Trouble Report

Document equipment malfunctions or unacceptable video recordings. Prevent future troubles, and establish a performance history of your video equipment.

**4590** 5½" × 8½" **\$2.75**/pad (100 sheets)





# **VIDEOTAPE**



"Maxell" Epitaxial Videocassettes - Professional Industrial These high-energy Beta and VHS videocassettes from Maxell's Professional Industrial Products Division offer excellent chroma response, superior signal-to-noise ratio, sharp resolution and overall dependable performance for all applications.

# Maxe! Video Tape

Maxell Bet	ta (Sleeve)	1-9	10-99	100+
L-250PI L-500PI L-750PI HGX L-250 HGX L-500	30/60/90 min. 60/120/180 min. 120/240/360 min. 30/60/90 min. 60/120/180 min.	\$ 8.21 10.67 13.33 10.05 12.93	9.60 12.00 9.05	8.78
Maxell VH	S (Sleeve)	1-9	10-99	100+
T-30PI T-60PI T-90PI T-120PI HGX T-30 HGX T-60 HGX T-90 HGX T-120	30/60/90 min. 60/120/180 min. 90/180/270 min. 120/240/360 min. 30/60/90 min. 60/120/180 min. 90/180/270 min. 120/240/360 min.	\$ 9.85 10.92 11.52 12.67 10.92 12.64 14.95 17.25	9.83 10.37 11.40 9.83 11.38 13.46	11.04 13.06
	/latic (Album)		12-95	
KCA-20 KCA-30 KCA-60	20 min. 30 min. 60 min.	\$17.93 18.80 25.93	16.92	\$15.66 16.41 22.64
Maxell Au	idio Cassettes			
Communic	cator Series (Album)	1-11	12-119	120+
COM-30 COM-45 COM-60 COM-90 COM-120	30 min. 45 min. 60 min. 90 min. 120 min.	\$1.25 1.35 1.55 2.00 3.00	1.26 1.44	\$1.13 1.22 1.40 1.80 2.71
UD-XL1 Se	ries (Cobalt Ferrite Iormal Bias)	1 11	12-119	1204
UD-XL1-C6		\$4.50		\$4.06
UD-XL1-C9		6.25	5.81	5.64

### "Scotch" Color Plus Videocassettes

3M's new stabilized ferric oxide formula enables COLOR PLUS videocassettes to deliver up to 2.5 dB increase in color signal to noise ratio and 1.5dB improvement in broadbank signal to noise over previous industry standards (equivalent of one full generation of image quality). Dropouts and abrasivity problems are negligible with COLOR PLUS. Stop-motion capability is substantially improved.

The MBU series now incorporates the Color Plus formula for the optimum in professional mastering/editing or all-around performance.

### "Scotch" Master Broadcast U-Matic Videocassettes

We recommend the MBU "Master Broadcast U-Matic" series for any application to which repeated or hard use is anticipated. The MBU cassette tape backing is considerably thicker and tougher (nearly one mil thickness). This allows the tape to hold up much better in the "reverse shuttle" mode now commonly used in the Sony, JVC, Panasonic and NEC Super editing units. At the same time, the educational or commercial user who gives repeated heavy use to videocassettes (as in a Point-of-Purchase selling application) would benefit from using MBU series cassettes.

1 9 10 99 100+

# Scotch Video Tape

361-1/2-1200-R148B

361-1/2-2400-R153B 479-1-1630-R172B

479-1-3170-R172B

479-1-4610-R172B

Scotten B	eta (Album)		1-9	10-99	100+
L-250A L-500A L-750A	30/60/90 min. 60/120/180 min. 90/180/270 min.	Color Plu Color Plu Color Plu	s 11.47	10.32	10.01
Scotch V	HS (Album)		1-19	20-99	100+
T-30A T-60A T-120A	60/120/180 min. 120/240/360 min.	Color Plu	s 10.57 s 12.97	9.51	\$ 8.56 9.22 11.32
Scotch U	-Matic (Album)		1-9	10-99	100+
UCA-5 UCA-10 UCA-10S* UCA-20 UCA-20S* UCA-30 UCA-30S* UCA-60 UCA-75	5 min. 10 min. 10 min. (Mini) 20 min. 20 min. (Mini)	Color Plu	\$15.67 15.95 \$ 15.95 18.13 \$ 18.13 \$ 18.85 \$ 26.67 \$ 26.83	14.36 14.36 16.32 16.32 16.97 24.00 24.15	23.28 23.43
Scotch Master Broadcast					
U-Matic (	,			10-99	
MBU-30 MBU-45	5 min. (Mini) 18 min. (Mini) 30 min. 45 min. nates mini cassett	Color Plu Color Plu	s <b>21.49</b> s <b>26.67</b>	19.34 24.00	18.76 23.28
Scotch R Videotap	leel-To-Reel e (Box)		1-9	10-99	100+

34 min.

66. min.

96 min.

Type "C" 1 in.

Type "C" 1 in.

EIAJ½ in. 30 min. **\$16.12 \$14.51 \$14.07** EIAJ½ in. 60 min. **27.31 24.58 23.84** Type "C" 1 in.

65.96 59.36 57.58

99.36 89.42 86.74

150.15 135.14 131.09

# VIDEOTAPE ACCESSORIES

Tape Tips

- If you are recording only one audio track on a U-Matic cassette, use track 2 instead of 1, as it is farthest from the edge of the tape, and therefore is less likely to suffer edge damage.
- If your U-Matic VCR is in questionable alignment, or is occasionally prone to "eat" tape, avoid UCA-30S and UCA-75, which are loaded with thinner tape.
- Always obtain your videotape from a reliable, factory-franchised source like Comprehensive. You will be assured of receiving fresh, current tape that has the full support of the manufacturer behind it. Don't jeopardize your valuable pro-

duction work and expensive equipment with "bargain-basement" tape from "questionable" sources.

4. Remember, even the best tape oxide sheds over a period of time. Keep your video recorder at its peak by removing oxide build-up and other air borne contaminants from the tape heads and guides every 30-40 hours of running time. See page 43.

Always bulk erase your video tape prior to recording. Ensure that the tape is clean, quiet and ready to accept highest-

quality recording. See page 106.

### 3M Scotch® U-Do-It Reload Kit for U-Matic Videocassettes

Transform your old, tired or broken videocassettes into fresh, new performers. The Scotch U-DO-IT Videocassette Reload Kits include everything you need to replace the useless tape in your videocassette with new long-life "Scotch" MBU Color Plus videotape.

The "Scotch" Videocassette Reload Kit will fit any U-Matic format videocassette shell that meets Sony's specs.

### U-DO-IT Reload Kit includes:

- 18, 30, 45, or 60 minutes of leadered and trailored "Scotch"
   3/4 in. videotape.
- New supply hub
- New wide space take-up reel
- Detailed, diagrammed instruction sheet for fast easy assembly
- New cassette label for your reloaded videocassette

	Length	1-9	10-99	100+
U-DO-IT 18S (mini)	18 min.	\$13.97	\$13.27	\$12.57
U-DO-IT 30	30 min.	17.60	16.72	15.84
U-DO-IT 45	45 min.	22.64	21.51	20.38
U-DO-IT 60	60 min.	25.43	24.16	22.89



## Comprehensive Monitor/Receiver Set-Up Tape

**Problem:** Two or more monitors and/or receivers that have color, contrast or clarity mismatch . . . OR . . . Cameras and/or recorders are set up properly but monitor picture quality is dubious . . .

Solution: Comprehensive's SU-10 Set-Up Tape.

Now its easy to properly adjust monitors and receivers with this unique 10-minute cassette.

The Comprehensive SU-10 reference tape features various video test patterns for proper adjustment of video receivers/monitors. The recorded color bars may also be duplicated and added as a color reference to assure proper playback of recordings.

Detailed instructions enable simple adjustments to be made for brightness, contrast, chromanence, tint, alignment, color purity and degaussing.

### The SU-10 features:

- Ascending and descending grey scale
- Color bars
- Flesh Tone

- Convergence
- White roster
- Complete instructions
- Length 10 minutes



NEW

SU-10B Beta Cassette
SU-10V VHS Cassette
SU-10U Mini U-Matic Cassette

\$29.95 29.95 39.95



# **VIDEOTAPE ACCESSORIES**

## Automatic VCR Head Cleaning Cassettes



# Non-Abrasive Cleaners For Beta and VHS VCRs - Wet or Dry

Comprehensive's Automatic VCR Head Cleaning Cassettes employ a revolutionary new system whereby a special lint-free belt is employed to carefully remove accumulations of harmful contaminants from the video, audio, erase and control track heads, as well as tape guides, rollers and other surfaces in the tape path.

Simply insert cleaning cassette into VCR and activate play mode to automatically clean the entire tape path. Worry-free maintenance.

NOTE: May be used "**wet**" by depositing drops of head cleaning fluid (supplied) into self-contained reservoir prior to insertion - or "**dry**" on VCRs fitted with moisture-sensitive lock-out circuits.

HEW

CVS-BHC Beta Format \$24.95 CVS-VHC VHS Format \$24.95

## Scotch U-Matic Head Cleaning Videocassette



This cassette cleans your recorder's tape path. Use this handy maintenance aid when excessive "snow" on playback indicates that contaminants are clogging the heads. When the test signal recorder on the cassette appears clear on your monitor or receiver, the heads are clean. Simple to use. Complete instructions.

UCS-HC U-Matic Head Cleaner Videocassette \$30.00 Mini U-Matic size allows use in all ¾ in. machines, including portables.

# A Little "Tape Insurance" Can Save You a Lot of

Comprehensive's ½ in., ¾ in., and 1 in. video splicing/editing kits save time, money, and your sanity.

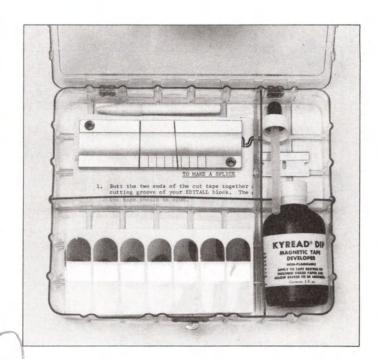
NOTE: Don't forget how editing was done in "the old days" before the advent of electronic video editing. For many years, hand splicing with track developing fluid was standard practice for broadcast use on Quad machines. These kits are perfect standbys for use on that "master tape" that somehow snapped

### Each Video Splicing/Editing Kit includes:

- 100 Pre-Cut Splicing Tabs\* 2 oz. Magnetic Track Developing Fluid
- 1 ea. F83 Marking Pencil
- 1 ea. Straight Edge Razor Blade
- 1 ea. Precision Machined Splicing Block
- 1 ea. Handy Storage Case
- 1 set Complete Illustrated Instructions

<sup>\*1&</sup>quot; Kit comes with roll of Splicing Tape

KV-3.5	(½") KIT	\$59.95
KV-3.75	(3/4") KIT	64.95
KV-4	(1") KIT	79.95
CX-4	Editabs for 1/2" tape, package of 100	5.95
CX-5	Editabs for 3/4" tape, package of 98	6.95
CX-6	Roll of Splicing Tape	8.45
MTDF	Magnetic Track Developing Fluid, 2 oz.	5.95



6081

# Comprehensive's Professional 3/4" Videotape Splicer

### The Fastest And Most Precise Professional Tape Splicer Available

Make your 3/4" splices as accurate and professional as possible. PVS-75 Professional Splicer, with its precision die-cast all-in-one design, insures years of fast, accurate splicing with a minimum of effort.

### Features:

- Non-magnetic metal parts
- Stainless steel guides and cutter bars insure precise tape trimming and cutting
- Padded arms to hold tape securely in place
- Handle with built-in cam and coil springs control 2 replaceable cutting blades
- Includes fifty feet 3/8", fifty feet 1/2" metalized mylar splicing tape, 2 oz. Magnetic Track Developer.

PVS-75 \$375.00



# **VIDEOTAPE ACCESSORIES**

### Videotape Bulk Erasers

Always bulk erase (degauss) your videotape prior to recording (even new tape). This will eliminate all old unwanted programs and improve the signal-to-noise

ratio for better quality recording. Comprehensive's professional bulk tape erasers are far more efficient than video recorder erase heads.



### CVC-1000

Hand-held unit recommended for  $\frac{1}{2}$  in. Beta, VHS tape. Economical performance.

Specifications:

Operating voltage - 110-120 V Current Consumption - 12 Amps Duty Cycle - 1 min. on; 15 min. off

\$75.00

### CVC-2000

Recommended for ½ in. Beta, VHS and Reel-to-Reel tape. Designed for medium-duty use.

Specifications:

Operating Voltage - 115 V Current Consumption - 10 Amps Duty Cycle - 10 min. on; 10 min. off Dimensions - 6" × 8" × 41/8" Net Weight - 15 lbs.

\$195.00





### CVC-2500

Recommended for ½ in. high energy tape and ¾ in. cassettes. Double fuses and pilot light are fitted for maximum safety.

Specifications:

Operating Voltage - 115 V Current Consumption - 20 Amps Duty Cycle - 10 min. on; 10 min. off Dimensions - 12" × 14" × 41/8" Net Weight - 32 lbs.

\$345.00



Perfect for tape and cassettes up to 1 in. It is designed for heavy-duty use in radio, television, computer, motion picture and audio-visual service. A built-in blower assures cool and quiet operation. Features a built-in timer with adjustable ON cycle and automatic shut-off. Unit is an excellent investment and will provide years of trouble-free performance.

Specifications:

Operating Voltage - 108-135 V Current Consumption - 20 Amps Duty Cycle - 30 min. max. with fan on Dimensions - 10" × 13" × 4" Net Weight - 24 lbs.

\$495.00





### CVC-3500

Professional quality for heavy duty use. Recommended for 2 in. quad and helical tape. It provides a strong degaussing field to insure full erasure of tape reels up to 14 inches in diameter and 2½ inches in width. Features a "ferro-tune" design that assures the strongest possible degaussing field. It has a built-in timer with adjustable ON cycle and automatic shut-off.

Specifications:

Operating Voltage - 108-135 V Current Consumption - 10 Amps Duty Cycle - 30 min. max. with fan on Dimensions - 13" × 17" × 14"

Net Weight - 49 lbs.

\$745.00

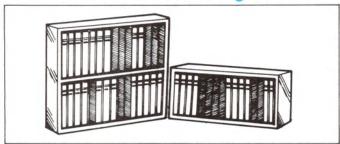
# **VIDEOTAPE ACCESSORIES**

# Videocassette Storage Systems

# Beta/VHS Storage Cabinet

Holds VHS or Beta videocassettes, either in the consumer cardboard sleeve or the plastic molded storage box. These sturdy handsome woodgrain units are stackable.

HEW	Cassette Capacity	Dimensions H X W X D	Weight (lbs.)	Price
CR-15B	15 Beta	9 1/2" X 21 3/4" X 3 5/8"	8	\$29.95
CR-30B	30 Beta	15" X 21 3/4" X 3 5/8"	16	39.95
CR-15V	15 VHS	9 1/2" X 21 3/4" X 3 7/8"	8	29.95
CR-30V	30 VHS	18 1/2" X 21 3/4" X 3 7/8"	16	39.95

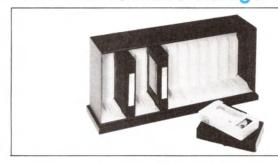


## U-Matic Storage Cabinet

Store up to 14 cased % in. U-Matic videocassettes in this professionally designed storage system. Holds all types of % in. format cassettes. (UCA-60, UCA-20S, head cleaning cassettes, etc.) Free-standing cabinets are also wall-mountable or may be stacked in interlocking units up to 5 high.

- 13 in. H X 8 in. D X 30 in. W
- All steel construction
- Shipped completely assembled
- · Molded vinyl dividers
- · Black enamel finish
- Wood grain end panels

V-14 \$76.00



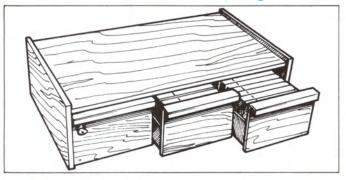
## **Beta/VHS Storage Chest**

The perfect organizer for the growing tape collection. This well-designed sturdy 3-drawer storage chest keeps 42 Beta or 36 VHS tapes organized and secure. These handsome woodgrain units can be stacked and are perfect as a base for VCR or TV. Lockable.

#### **Specifications**

• 8 in. H X 15 7/8 in. D X 26 1/2 in. W.

NEW VSC-42 \$63.95

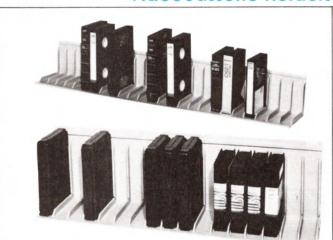


## **Videocassette Holders**

Freestanding, molded plastic storage system. Can be installed on existing shelving, open shelf tape libraries or in tape trucks. Pressure sensitive tape on bottom and back of divider for positive, easy installation. Molded units fit on standard 3 ft. wide shelving. Index label area on front of divider for library identification. Molded high-impact polystyrene plastic in a neutral beige.

VCS-25Holds 25 Beta/VHS cassettes<br/> $(4\% \text{ in. H} \times 5 \text{ in. D} \times 33 \text{ in. W})$ \$12.50UCS-17Holds 17 U-Matic cassettes\$13.50

 $(10\% \text{ in. H} \times 7\% \text{ in. D} \times 35\% \text{ in. W})$ 



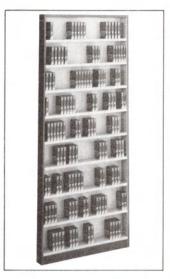


# **MDEOTAPE ACCESSORIES**

# Professional Videocassette Library Storage System

Heavy-gauge steel cabinets with shelves adjustable in 1 in. increments. Baked enamel finish. Beige or cocoa brown. Additional units may be bolted together side by side or back to back.



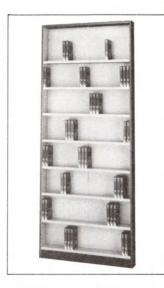


### Beta Library Storage System

#### Specifications:

- 270 Beta cassette capacity
- 9 adjustable shelves
- Overall dimensions: 88 in. H × 5 in. D × 36 in. W
- Inside dimensions: 83 in. H × 34½ in. W
- Will accept VCS-25 spacers. See page 107

TC-5BB \$419.00

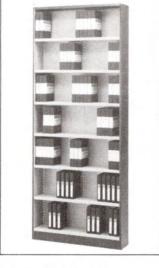


#### VHS Library Storage System

#### Specifications:

- 240 VHS cassette capacity
- 8 adjustable shelves
- Overall dimensions: 88 in. H × 5 in. D × 36 in. W
- Inside dimensions: 83 in. H × 34½ in. W
- Will accept VCS-25 spacers. See page 107

TC-5VB \$398.00



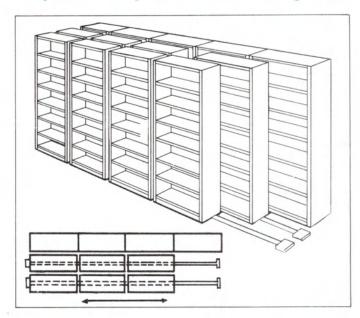
#### U-Matic Library Storage System

#### Specifications:

- 161 U-Matic cassette capacity
- 7 adjustable shelves
- Overall dimensions:88 in. H × 8 in. D × 36 in. W
- Inside dimensions: 83 in. H × 34½ in. W
- Will accept UCS-17 spacers. See page 107

TC-8B \$439.00

# "Super-Density" Movable Storage Systems =



For maximum videocassette storage in limited space. Trackmounted steel cabinets roll effortlessly. Give total use of available space plus instant access to all your tapes.

Sliding cabinets (up to 5 deep) glide left to right to provide fast access to all storage units. All cabinets are  $91'' \text{ H} \times 36'' \text{ W}$  (with track)

Order the necessary number of stationary cabinets for your back row. Order one cabinet less for each movable row.

Movable cabinets include all necessary steel track and hardware for easy installation.

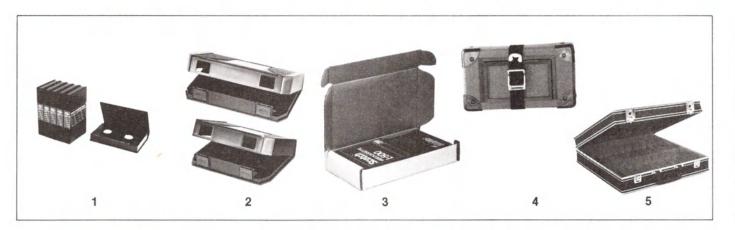
#### Stationary Units (in back)

Movable Units (in front)

Model No.	Туре	Depth	Cassette Capacity	Wt. (lbs.)	Price
TC-5B/SD(B)	Beta Stationary	5 in.	270	137	\$419.00
TC-5B/SDM(B)	Beta Movable	5 in.	270	167	659.00
TC-5B/SD(V)	VHS Stationary	5 in.	240	135	398.00
TC-5B/SDM(V) TC-8B/SD	VHS Movable U-Matic Sta-	5 in.	240	165	638.00
TC-8B/SDM	tionary	8 in.	161	120	439.00
IC-OD/SDIVI	U-Matic Mov- able	8 in.	161	150	679.00

# VIDEOTAPE ACCESSORIES

# Videocassette Storage Shipping and Carrying Cases



#### 1. Videocassette Albums

The ideal way to store and protect your video cassettes against damage and dust. These handsome boxes store conveniently on any bookshelf. Identify tapes quickly with removable labels in the clear plastic windows on the front cover and binder edge. Organize and safeguard your videocassette library. Handsome black textured vinyl.

Model #	Format	1-9	10-49	50-99	100+
VSB-B	Beta	\$2.79	\$2.51	\$2.23	\$1.95
VSB-V	VHS	2.99	2.69	2.39	2.09
VSB-U	U-Matic	3.99	3.59	3.19	2.79
VSB-MU	Mini U-Matic	3.99	3.59	3.19	2.79

#### 2. Videocassette Shipper/Mailers

The ideal way to ship Beta and VHS cassettes safely.

- Exclusively designed for videocassette protection, including full U.S. Postal Service approval for mailing.
- Unique twin push-button design requires simultaneous pressure for release, preventing accidental opening.
- Dust-free. (Helps eliminate drop-outs due to dirty tape.)
- Recessed label areas prevent accidental defacing or removal.
- Stackable design adapts to conventional shelving.

	1-9	10-49	50-99	100+
PC-B Beta	\$2.99	\$2.69	\$2.39	\$2.09
PC-V VHS	3.19	2.87	2.55	2.23

### 3. Videocassette Shipping Cartons

White corrugated shipping cartons in 3 sizes to hold 1, 2 or 3 videocassettes. Carton is easy to fold, has a snug fit. Lightweight for mailing.

Cartons for Beta	10-49*	50-99	100-499	500+
VBC-1 for 1 cassette VBC-2 for 2 cassettes VBC-3 for 3 cassettes	\$ .75 1.20 1.45	\$ .68 1.08 1.31	\$ .60 .96 1.16	\$ .53 .84 1.02
Cartons for VHS	10-49*	50-99	100-499	500+
VHC-1 for 1 cassette VHC-2 for 2 cassettes VHC-3 for 3 cassettes	\$ .75 1.20 1.45	\$ .68 1.08 1.31	\$ .60 .96 1.16	\$ .53 .84 1.02

<b>Cartons for U-Matic</b>	10-49*	50-99	100-499	500+
VC-1 for 1 cassette VC-2 for 2 cassettes VC-3 for 3 cassettes	\$ .85	\$ .77	\$ .68	\$ .60
	1.25	1.13	1.00	.88
	1.55	1.40	1.24	1.09

\*NOTE: 10 piece minimum order.

#### 4. Videocassette Fibre Shipping Cases

These heavy-duty fibre shipping cases provide maximum protection to videocassettes during shipping. Designed for repeated shipping and heavy handling of programs. Cases are reinforced with metal corners and security straps and come in 3 sizes to hold 1, 2 or 3 videocassettes.

<b>Fibre Cases for Beta</b>	1-9	10-49	50-99	100+
VBF-1 for 1 cassette	\$5.60	\$5.04	\$4.48	\$3.92
VBF-2 for 2 cassettes	6.40	5.76	5.12	4.48
VBF-3 for 3 cassettes	6.90	6.21	5.52	4.83
Fibre Cases for VHS	1-9	10-49	50-99	100+
VHF-1 for 1 cassette	\$6.50	\$5.85	\$5.20	\$4.55
VHF-2 for 2 cassettes	7.50	6.75	6.00	5.25
VHF-3 for 3 cassettes	7.90	7.11	6.32	5.53
Fibre Cases for U-Ma	tic 1-9	10-24	25-49	50+
VF-1 for 1 cassette	\$ 9.70	\$ 8.73	\$ 7.76	\$ 6.79
VF-2 for 2 cassettes	13.50	12.15	10.80	9.45
VF-3 for 3 cassettes	16.20	14.58	12.96	11.34

#### 5. Videocassette Attache Cases

These padded attache cases are a most sensible way of toting your VHS or Beta videocassettes. They feature a double aluminum valance and twin locks. Molded flocked tray holds videocassettes securely in place.

HEW	CVS-4510	Holds 10 Beta Videocassettes	\$32.95 43.95
HEW	CVS-4520 CVS-4610	Holds 20 Beta Videocassettes Holds 10 VHS Videocassettes	32.95
	CVS-4620	Holds 20 VHS Videocassettes	43.95

# **PAGLIGHTS**





Shown with 9809 Barndoor Accessory Kit.



Light-weight battery-powered PAGLIGHTS are designed for professional television and film applications.

Lamp cases are well ventilated. Spill light is minimized and the reflectors are designed to give uniform light distribution.

The lamp heads tilt on a removable handle for "bounce" light. A 1/4" threaded mount is provided in the base of the handle for stand mounting. A bulb and fuses can be stored conveniently inside the handle. One bulb and fuse included. Weight: 1 lb.

DACLICUT 100	101/ 1001//	Model No.	Price
PAGLIGHT 100	12V, 100W	9800	\$169.00
PAGLIGHT 250	24V, 250W	9820	\$179.00
PAGLIGHT 250	30V, 250W	9840	\$179.00

PC-5 Power cord to connect PAGLIGHT to Com-\$ 29.95 prehensive powerbelts

#### Accessory Kit

Contents

Filter ring and barndoor holder, 4-leaf rotating barndoors and safety glass.

9809 \$89.00

#### **Dichroic Filter**

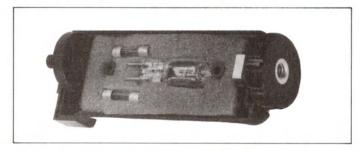
Fits all PAGLIGHT filter rings.

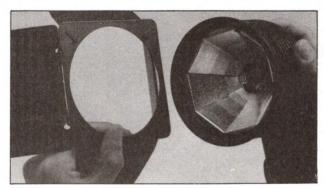
9804 \$54.00

Replacement Lamps

12V, 100W for 9800 24V, 250W for 9820 9801 \$12.50 9821 \$20.00 9841 30V, 250W for 9840 \$20.00

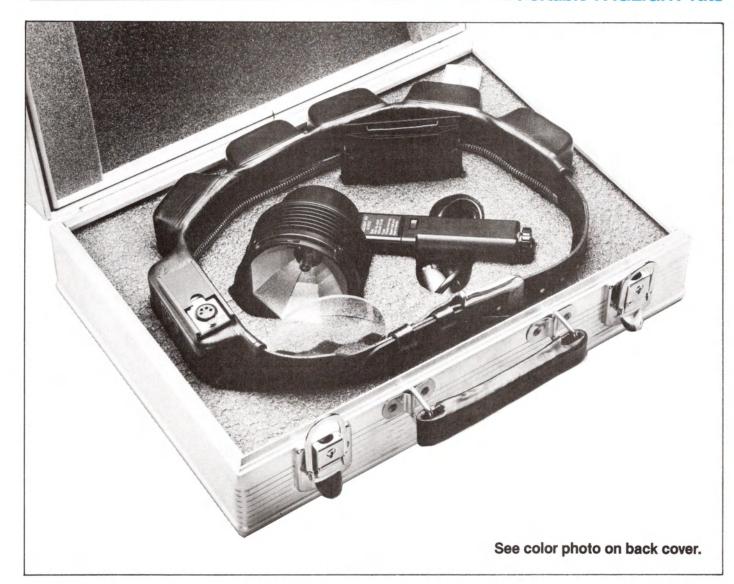
NOTE: PAGLIGHTS may be powered by either Comprehensive (see page 48) or PAG (see page 47) power belts.





# **PAGLIGHTS**

### ■ Portable PAGLIGHT Kits



Kits contain one PAGLIGHT, two lamps, three fuses and a PAGBELT nickel-cadmium battery belt in molded leather, with built-in charger, housed in a sturdy foam-lined aluminum carrying case.

#### PAGLIGHT 100W/12V 4Ah Kit

Comprises: Case, PAGLIGHT 9800, 2 bulbs 9801 and 4Ah PAG-

Running Time: 26 minutes

9810 \$1,039.00

#### PAGLIGHT 100W/12V 7Ah Kit

Same as 9810 with 7 Ah PAGBELT Running Time: 45 minutes

9811 \$1,259.00

#### PAGLIGHT 250W/24V 4Ah Kit

Comprises: Case, PAGLIGHT 9820, 2 bulbs 9821 and 4 Ah PAG-

Running Time: 20 minutes

9823 \$1,559.00

#### PAGLIGHT 250W/24V 7Ah Kit

Same as 9823 with 7 Ah PAGBELT Running Time: 40 minutes

№EW 9824 \$1,799.00

#### PAGLIGHT 250W/30V 4Ah Kit

Comprises: Case, PAGLIGHT 9840, 2 bulbs 9841 and 4 Ah PAG-

Running Time: 26 minutes

₩E₩ 9843 \$1,659.00

# QUARTZ BEAM" LIGHTING

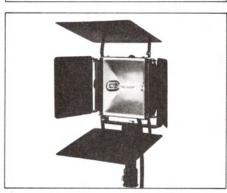
Proper lighting is critical to any professional video production.

Comprehensive "Quartz Beam" Location Lighting Systems are capable of providing the flexibility and

subtlety associated with high-quality professional lighting techniques. Ideal for studio or location video, film or photo production work.









#### "Quartz Beam" Variable Focus (Spot to Flood)

These variable-focus lighting fixtures are specially designed for both highlighting the object or talent (spot position) and/or general set lighting (flood position).

#### Indestructable—Lightweight—Cool

Constructed of heat resistant virtually unbreakable polyester/fiberglass. Fitted with highefficiency, precision-coated reflectors. Easy-to-use focusing mechanism enables changing from flood to spot function while lamp is in operation.

Ideal for studio and location work. Available in 650W or 1000W versions.

#### QB-650

- 650W Variable-Focus (Spot to Flood)
- Rotating 4-Way barn door (Removable)
- Inline Switch on 12 ft. cord
- Bulbs: 650W/115-125V/3200 800W/230-240V/3200 K-DXX
- · Weight 21/2 lbs.

### QB-1000

- 1000W Variable-Focus (Spot to Flood)
- · Accessory Holder (for scrims, gels and correction material—Removable)
- Rotating 4-Way barn door (Removable)
- Inline Switch on 12 ft. cord
- Bulbs: 1000W/115-125V/3200 K—
- Weight 2¾ lbs.

QB-1000 \$189.00

#### QB-650 \$159.00 High Intensity "Quartz Beam" 2000

This high-intensity variable-focus lighting fixture packs maximum light output in a rugged light-weight steel fixture. Ideal for location work where key or broad lighting saturation is important or as a permanent studio fixture.

#### QB-2000

- 2000W Variable-Focus (Spot to Flood)
- Integral Accessory Holder (for scrims, gels or correction material)
- Rotating 4-Way barn door (Removable)
- Built-In 25 Amp Switch
- 15 ft. cord
- Bulbs: 2000W/115-125V/3200 K-FEY 2000W/230-240V/3200 K-FEX
- Weight 6¾lbs.

QB-2000 \$299.00

#### "Quartz Beam" Flood and Fill Lights

Wide, even fill lights are used for general broad lighting of locations or sets. They are also used as backlights to reduce harsh shadows.

#### "Quartz Beam" Mini Flood 650

Compact, light-weight flood light with one piece reflector for high efficiency. Constructed of solid sheet steel and featuring an integral 4-way barn door for sharp cut-off.

#### MFL-650

- 650W Non-Focusing Flood
- Inline Switch on 12 ft. cord
   Bulbs: 650W/115-125V/3200 K—FAD/800W 230-240V
  - 3200 K-DXX
- Weight: 2½ lbs.

MFL-650 \$99.00

#### "Quartz Beam" Flood 1000

High power in a small package. This flood light has greater output than the MFL-650 in a slightly larger package. Features same solid construction with 4-way barn doors. Ideal on location or in small studios.

#### FL-1000

- 1000W Non-Focusing Flood
- Inline Switch on 12 ft. cord
- 1000W/115-125V/3200 K-FCM Bulbs: 1000W/230-240V/3200 K-EME
- Weight: 3 lbs.

FL-1000 \$129.00

Note: Bulbs are not included with individual light fixtures.

Note: Scrims will become available.



# **NEW "QUARTZ BEAM" LOCATION LIGHTING KITS**

Lightweight compact kits designed to provide professional lighting capability while on location.

#### "Quartz Beam" Flood Kit

FLK-1950 3 Flood Light Kit

- 3 ea. MFL-650 Lighting Fixtures
- 3 ea. LS-2 Light Stands
- 1 ea. Lamp Protector Case
- 1 ea. Durable Protective Carrying Case
  • 3 ea. 650W Bulbs

FLK-1950 \$519.00





#### "Quartz Beam" Variable-Focus Kit

QBK-1300 2 Variable-Focus Light Kit

- 2 ea. QB-650 Lighting Fixtures
- 2 ea. LS-2 Light Stands
- 1 ea. Lamp Protector Case
- 1 ea. Durable Protective Carrying Case
- 2 ea. 650W Bulbs

QBK-1300 \$549.00







#### "Quartz Beam" Variable-Focus Kit

QBK-3000 3 Variable-Focus Light Kit

- 3 ea. QB-1000 Lighting **Fixtures**
- 3 ea. LS-3A Light Stands
- 1 ea. Lamp Protector Case
- 1 ea. Durable Protective Carrying Case
- 3 ea. 1000W Bulbs.

QBK-3000 \$849.00

#### "Quartz Beam" Combo Kit

CLK-4000 2 Flood and 2 Variable-Focus Light Kit

- 2 FL-1000 Flood Light Fixtures
- 2 ea. QB-1000 Variable-Focus Lighting Fixtures

  4 ea. LS-3A Light Stands
- 1 ea. Lamp Protector Case 1 ea. Light-weight Durable
- Protective Carrying Case 4 ea. 1000W Bulbs

CLK-4000 \$975.00

#### "Quartz Beam" Combo Kit

CLK-1950 1 Flood and 2 Variable-Focus Light Kit

1 ea. MFL-650 Flood Light

- Fixture
- 2 ea. QB-650 Variable-Focus Lighting Fixture

  • 3 ea. LS-3A Light Stands
- 1 ea. Lamp Protector Case • 1 ea. Durable Protective
- Carrying Case 3 ea. 650W Bulbs

CLK-1950 \$634.00

NOTE: Comprehensive "Quartz Beam" Kits are supplied with a full compliment of bulbs (one for each fixture) at NO EXTRA CHARGE. See color photo on inside back cover.



# COMPREHENSIVE VIDEO LIGHTS

Comprehensive Video Lights are designed to be an economical alternative to expensive professional lighting. Ideal for location or small studio use in educational/industrial video and home video.

Video Light 601



Ventilated design ensures cool operation. Specially coated aluminum reflector delivers a smooth even medium-focus light pattern. Light-weight, compact and durable.

#### Specifications:

- 600W fixed medium-focus
- Accessory holder for barndoors, scrims, gels
- On/off switch
- 10 ft. cord with grounded AC plug Bulbs: 600 W 115—125V—3200°K, DYH
- Weight 11/4 lbs.
- UL approved

MEW

VL-601 \$69.00

**Optional Accessories:** VL-BD-1

4-Way Barndoors

\$19.95



Many of the same features of expensive professional lighting. Adjustable wide-to-spot focusing with coated aluminum reflector for smooth, even light pattern. Durable ventilated construc-

#### Specifications:

- 600W variable-focus (wide-to-spot)
- Accessory holder for barndoors, scrims, gels

- 10 ft. cord with grounded AC plug Bulbs: 600W 115—125V—3200°K DYH
- Weight 2 lbs.
- UL approved

MEW

VL-601VF \$89.00

Optional Accessories:

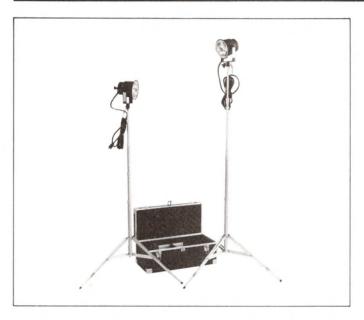
VL-BD-2

4-Way Barndoors

\$19.95

NOTE: Bulbs are not included with individual light fixtures.

# Comprehensive Video Light Kits



#### **Basic Light Kit** 1200W

- 2 ea. VL-601 Lighting Fixtures
- 2 ea. LS-2 Light Stands

#### VLK-1 \$249.00

- 1 ea. Carrying Case 2 ea. 600W Bulb DYH

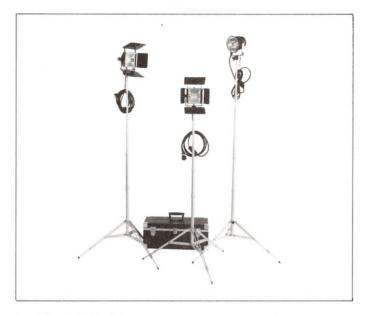


#### Flood Light Kit 1300W

- 2 ea. MFL-650 Lighting Fixture with Barndoors
- 2 ea. LS-2 Light Stand

#### VLK-2 \$299.00

- 1 ea. Carrying Case 2 ea. 650W Bulbs FAD



#### Combo Light Kit 1900W

- 2 ea. MFL-650 Lighting Fixture with Barndoors
- 1 ea. VL-601 Lighting Fixture
- 1 ea. VL-BD-1 Barndoors for VL-601

#### VLK-3 \$399.00

- 3 ea. LS-2 Light Stand
- 1 ea. Carrying Case 2 ea. 650W Bulbs FAD
- 1 ea. 600W DYH



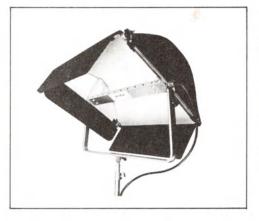
#### **Deluxe Combo Light Kit** 2500W

- 2 ea. VL-601VF Lighting **Fixtures**
- 2 ea. VL-BD-2 Barndoors for VL-601VF
- 2 ea. MFL-650 Lighting Fixture with Barndoors

#### VLK-4 \$499.00

- 4 ea. LS-2 heavy-duty Light Stands
- 1 ea. Carrying Case
- 2 ea. 600W Bulbs DYH
- 2 ea. 650W Bulbs FAD

# LIGHTING



#### SoftLight 2 Kit

This compact, versatile, relatively shadowless light source is a must for video shooting in the studio or on location.

Acts as a key light or fill. Approximates available light at its best. Easy on the talent since they do not have to look into intense glaring lights. Kits consist of easy-to-assemble 2000W softlight, 3 barndoors, mounting hardware, 25 ft. extension cord and case. Two lamps are included at no extra charge. Use two softlights and you won't have to think about lighting problems any more.

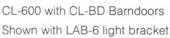
SL-2K \$460.00

### SoftLight 2 Kit With Stand

Same as the SL-2K but with a sturdy stand that adjusts from 3' to 9' SL-2KS \$550.00









#### Cameralite

Cameralite fits easily in the palm of your hand. Compact unit provides fill-in illumination, or tilts back for 45° bounce/indirect lighting. Economical way to add that professional touch proper lighting provides. Non-breakable metal housing. Rectilinear reflector produces wide, even beam of light. Mounts directly on camera or stand. Cameralight comes complete with DYS/DYV/BHC (600W, 3200°K) quartz

lamp. CL-600 \$54.50

#### **Optional Accessories**

NEW CL-BD Barndoors \$12.95 NEW CL-S Scrim \$ 8.95



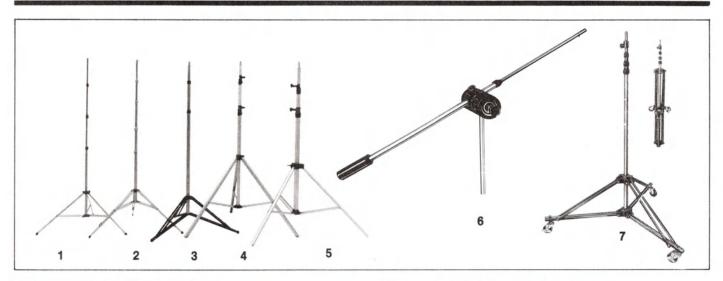
#### Vari-Flector Kit

A lighting kit with no lights, the Variflector enables you to get more illumination from existing sources. It works equally well indoors and out, providing nearly 8 square feet of aluminized surface for reflecting and spreading artificial or window light indoors as well as sunlight when used outside. The Variflector is compact (rolls up to fit in a  $42'' \times 7\frac{1}{2}''$  dia. case), lightweight (8 lbs.), rugged, and easy to assemble. The kit consists of the Vari-flector, a wide-based sturdy stand, and fibre case. Its brilliant, even light pattern can be continuously softened and spread out over a 3:1 range by means of finger-operated cam level.

LK44SC \$495.00



# LIGHT STANDS



1. Light-Weight Compact

4-section light stand extends to 7', collapses to 23". Constructed of anodized aluminum tubing with clutch-type locks that adjust easily for proper height. Weight 11/2 lbs. 3/8" mounting

5. Heavy-Duty Channel Leg Stand3-section light stand extends to 9'6", collapses to 44". Similar construction to LS-3 but with wider leg spread for maximum stability. Weight 51/2 lbs. 5/8" mounting.

LS-4 \$119.00

2. Medium-Duty Compact

5-section light stand extends to 7'2", collapses to 191/2". Constructed of light aluminum-alloy tubing for reliable height adjustment. Weight 2¾ lbs. 5%" mounting. Clutch locks.

LS-2 \$59.00

3. Heavy-Duty Compact

3-section light stand extends to 8', collapses to 35". Constructed of light aluminum-alloy tubing with double bar legs. Weight 41/2 lbs. 5/8" mounting.

NEW LS-3A \$69.00

6. Light Boom

2-section light boom that fits all light stands having a 3/8" or 1/2" top section (LS-1A or LS-2). Extends to 65", collapses to 41". Precision cast heavy-duty center swivel with built-in teeth to prevent slipping. Weighted end for proper light stand balance. Ideal for overhead or angled lighting. Weight 21/4 lbs.

LB-1 \$34.95

4. Professional Channel Leg Stand

3-section light stand extends to 8', collapses to 38". Constructed of light aluminum-alloy tubing with square channel legs for strength and support. Clamp and thumb screw for reliable height adjustment. Weight 33/4lb. 5/8" mounting.

LS-3 \$79.00

\$6.95

\$6.95

\$9.95

7. Rolling Studio Stand

4-section collapsible roller-base stand extends to 10'10", collapses to 351/2". Constructed of anodized aluminum with clutch lock for secure light adjustment. The leg stands are aluminum tubing and have 2" rubber casters with toe brakes. Ideal for both studio and on location lighting. Weight 53/4lb.

TSL-2 \$89.95

#### **Light Stand Adapters**

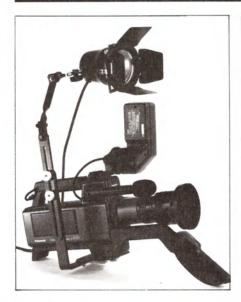
LSA-1 Converts 5/8" stud to 3/8" stud Converts 3/8" stud to 5/8" stud LSA-2 Converts accessory shoe to 3/8" stud LSA-3 and 1/4" × 20" threaded screw

#### Comprehensive Gaffer Grip Fitted with heavy-duty spring, rubber teeth protectors, and lamp mounting

stud.

3%" Mounting Stud 5%" Mounting Stud GG-1 \$23.95 GG-2









- Broad rubber matted base to fit all camera models
- Slotted base for quick connect/disconnect from camera
- Designed for hand-held or tripod mounting
- Will accept either shoe mount, ¼" screw, or ¾" stud
- · 4 lbs. capacity
- Two flexible joints to adjust light for proper angle

#### NEW HEAVY-DUTY VIDEO CAMERA LIGHT BRACKETS— BEST WAY TO GRIP YOUR LIGHT

Getting portable lights to balance securely on the camera while throwing its beam at the proper angle was very frustrating until now. Comprehensive has introduced the most stable professional brackets available. Made of strong anodized aluminum, adaptable mount will accept any style light. Flexible joints allow proper front-back, left-right positioning. Standard model places light up to 13 inches from base. Adjustable bracket extends light up to 21 inches from base.

LAB-5 LAB-6 Standard bracket with cushioned handle and strap Bracket with built-in extender to 21"

\$29.95 \$44.95

· ·

**Horizontal Adapters Bracket** 

Mounts a light or microphone either to the left or right of your camera. Features both a standard accessory shoe mount and a threaded 1/4" hole.

HAB-1 \$8.95

## **Light Meters:**



707 \$79.95

1. Pocket Light Meter

Light-weight, color-corrected. Cosine corrected with three foot-candle scales: (10-50 FC), (50-250 FC), (200-1000 FC).

G-214 \$59.95

2. Portable Light Meter

Supplied with neck strap

Cosine-true-inclined incident light up to an 80° angle measured according to cosine-law. Color corrected—spectral sensitivity to the photo element is adapted to that of the human eye. Measuring ranges: 0-500 and 0-5000 footcandles Accuracy: ±3%

3. Digital Footcandle/Footlambert Meter

Illuminance—Illumination or incident light in footcandles. Luminance—Reflected light or brightness in footlamberts. Range—0.01 to 99,900 fc or ft.L Accuracy—Measurement respectability ±2% Overall Optical Accuracy—7% for 2500°K to 5400°K Sensor—Silicon photodiode with phometric filter Readout—3 digit LED display

Battery Type—A-76 alkaline button cell

Supplied with case, neck strap and operating manual

Optional Accessories: Fiber Optic Probe

A probe for reading luminance of small areas, i.e., video monitor. **PM-10** \$45.00

Illuminance Receptor

Receptor disc rotates to read footcandles from any direction.

PM-11 \$58.00

**NOTE:** Fiber optic probe or illuminance receptor must be ordered with the PM-1 to insure proper calibration.

4. Electronic Footcandle Meter

A highly-sensitive instrument for professional lighting requirements. Capable of measuring light intensities from 0.05 to 12,000 footcandles. Operational amplifier permits using twelve distinct measuring ranges. Corrected by special filtration to correspond to that of the human eye. Usable in daylight or tungsten light. The light probe compensates for "cosine error"

PANLUX \$299.95

# Lighting Director and Gaffer Supplies

#### 1. Gaffer's Tape Silver, Black and White

This non-reflective versatile tape is the essential Gaffers tool. All rolls are 2" wide. (See page 93 for more details.) 54 +

GT-10 GT-10B MEW GT-10W MEW	Black	2" W × 10 yds. 2" W × 10 yds. 2" W × 10 yds.	2.99 ea.	(case) 2.49 ea. 2.49 ea. 2.49 ea.
GT-60 GT-60B NEW	Black	2" W × 60 yds. 2" W × 60 yds.	12.49 ea. 12.49 ea.	10.62 ea.
GT-60W NEW	White	$2'' \text{ W} \times 60 \text{ yds}.$	12.49 ea.	10.62 ea.

#### 2. Asbestos Electrician's Work Gloves

The "Gaffer's" hands need protection when handling hot lighting fixtures in the studio or on location. One size fits all

AWG \$14.95/pair

#### 3. 1310 Dulling Spray

When a prop, chart, or anything is reproducing glare or "hot spot", it's time to break out the dulling spray. Easily removed when the "shoot" is over.

> 1-11 12+ 11 oz. spray can \$5.49 ea. \$4.99 ea.

#### 4. Lighting Symbol Stencil

Drafting template with symbols for the preparation of lighting plans. Scale

LSS-1 1/4" = 1" LSS-2 1/2" = 1" \$9.95

#### 5. Lowel Clip

Handy, reusable accessory for tying electrical and microphone cables to booms, pipes, stands . . . releases instantly. **K4CC** Pkg. of 10 clip

Pkg. of 10 clips \$ 4.00 Pkg. of 40 clips \$10.00 KCC

#### 6. The Technique of Lighting For Television & Motion Pictures 2nd Edition By G. Millerson; 366 pages;

illustrated: hard cover.

Unique, up-to-date study of art techniques of creative lighting applications in TV and motion pictures. Invaluable to professionals and students alike.

B-125 \$39.95



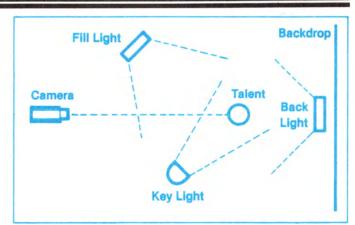
#### **APPLICATION NOTES — LIGHTING**

There are three major elements to good lighting: Key, Fill and Back lighting.

Key light is a direct light on the subject (talent or object). It is usually located slightly to one side of the camera and creates the general highlights.

Fill lights are used to fill-in the harsh shadows caused by the Key light and to generally flood the set with light. They are generally located on the opposite side of the camera at wide angle, or where ever necessary to maximize the light level of the set.

Back lights are used to outline the talent by separating them from the background. This eliminates a flat look by creating a halo effect. They are usually placed up high directly behind the talent at a sharp angle.



# **Media Material**

Rosco Light Control

Control the color temperature of light or its intensity, diffuse it or reflect it, with Rosco Cinegel Media. Contact our technical service desk for specific literature, information, and the sample swatches shown at left.

# Daylight Control Material - Roscosun



### Day Light Control Material — ROSCOSUN

Control the color temperature of lighting equipment as well as correct daylight to 3200°K and reduce its intensity. RoscoSun 85 is available in three additional densities of Amber, plus three neutral densities (ND's) and two 85 ND combinations to reduce the intensity of daylight and convert to 3200°K. This full range of window correction material is optically clear enough to shoot through.

# Daylight Correction Kit ⋈ 🗷 🖾 🤍

"Gel" windows, to reduce light coming in from outside to 3200° Kelvin. Kit includes a  $58'' \times 8'$  roll of RoscoSun 85, the standard window correction material. Where a reduction in light intensity, with no change in color temperature is desired, the kit includes 48" × 8' roll of RoscoSun N6. Both materials are optically clear and are packaged in a handy, reusable

tube with instruc	ction guide.		DCK	\$49.95
TO CONVERT	DAYLIGHT	SIZE	MODEL	PRICE
RoscoSun 85	Extra-wide rolls for seamless installation. Optically clear. Reduces daylight to 3200K.	58" W, 100 sq. ft.	S85-2	\$104.00
Rosco Plus 85	Use where heavy correction is desired, for warm look. Reduces 5500K to 3100K. Optically clear.	58" W, 100 sq. ft.	CTO-1	\$104.00
Rosco Lite 85	Use where slight undercorrection is desired. Reduces 5500K to 3800K. Optically clear.	58" W, 100 sq. ft.	CTO-2	\$104.00
Rosco Half 85	Reduces 5500K to 4500K. Windows have a blue appearance. Optically clear.	58" W, 100 sq. ft.	CTO-4	\$104.00
RoscoSun N3	Reduces light intensity 1 stop. Optically clear. Extra wide		SN3-2	\$104.00
RoscoSun N6	Reduces light intensity 2 stops. Optically clear. Extra wide.	58" W, 100 sq. ft.	SN6-2	\$104.00
RoscoSun N9	Reduces light intensity 3 stops. Optically	58" W, 100 sq. ft.	SN9-2	\$104.00

#### TO REDUCE THE INTENSITY OF DAYLIGHT AND CONVERT TO 3200K

RoscoSun 58" W. S83-2 \$109.00 Reduces light 1 stop. 85N3 Optically clear 100 sq. ft. combination. Extra wide. RoscoSun Reduces light 2 stops. 58" W. S86-2 \$109.00 85N6 Optically clear 100 sq. ft. combination. Extra wide

#### Fluorescent Lighting Correction

These gels are for balancing daylight and incandescent lights to fluorescent lamps by adding green or filtering the green in fluorescent to match daylight and incandescent.

To Convert Day 3200K Light To	SIZE	MODEL	PRICE	
Windowgreen/ Tough Plus- green	Converts natural daylight to match fluorescent light. Use with overall fluorescent correction at lens. Also converts dichroics or FAY lamps to fluorescent.	54" W, 100 sq. ft.	FWG-2	\$104.00
Tough Plus- green 50	Converts 3200K light source to fluorescent. Use with overall fluorescent correction.	54" W, 100 sq. ft.	FP5-5	\$104.00

TO CORRECT FLUORESCENT TO DAYLIGHT OR 3200K								
Tough Minus- green	Filters green cast from fluorescents for daylight balance.	54" W, 100 sq. ft.	FTM-5	\$104.00				
Fluorofilter	Corrects white	54" W,	FLF-5	\$104.00				
	fluorescent lamps to 3200 K. Available in rolls or sleeves for 4 ft.	100 sq. ft. 4 ft. sleeve	FLF-4	\$ 7.00				
	or 8 ft. lamps.	8 ft. sleeve	FLF-8	\$12.00				

#### Color Temperature "Boosts"

This Cinegel material is a series of blues to raise the Kelvin of lights for daylight balance. The range permits full correction of 3200° Kelvin lights from 3500°K to over 6000°K.

#### **Tungsten Correction RoscoPak**

This kit consists of two  $10'' \times 12''$  sheets of five different materials that can be used on "hot" tungsten lights. They raise the Kelvin temperature of the tungsten light so it balances to daylight. It's packaged in a handy reusable plastic pouch with instruction guide



**№EW TCR \$19.95** 

clear. Extra wide.

BOOST KELVIN	N OF LIGHTS	SIZE	MODEL	PRICE
Tough Blue 50	Boosts 3200K to "daylight". Tough, high resistance base.	54" W, 100 sq. ft.	TB5-2	\$104.00
Tough Blue 50 Frost	Combines Tough Blue 50 and Frost diffusion.	54" W, 100 sq. ft.	MBF-5	\$ 85.00
Tough Booster Blue	Increases K 900 degrees. Tough, high heat resistant base.	54" W, 100 sq. ft.	TBB-2	\$104.00
Tough ½ Booster Blue	Increases K 600 degrees. Tough, high heat resistant base.	54" W, 100 sq. ft.	THB-2	\$104.00
Tough ¼ Booster Blue	Increases K 300 degrees. Tough, high heat resistant base.	54" W, 100 sq. ft.	TQB-2	\$104.00
Tough TD25	Converts 3200K to over 6000K. Tough, high heat resistant base. For cool daylight.	54" W, 100 sq. ft.	TTD-2	\$104.00

#### **Light Diffusion Material**

Diffusion materials control the quality of light and shadow. These products range from a group of "Tough" Frosts, designed to diffuse hot tungsten halogen lights to "Soft" Frosts for tenting full set areas. There are also combinations of boosters and diffusion material for both color temperature correction and softening of lights.

### Light Diffusion Kit

This kit will allow you to experiment with different media and their effects on Beam Edge (sharpness of the light beam pattern outline), Spread (immediate zone outside beam edge), Flare (light that falls outside the spread zone), and Transmission (ratio of diffused to undiffused light). Kit contains ten different 10"  $\times$  12" sheets and comes in a convenient storage packet with instruction guide.

DCG \$1	2.95
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TO SOFTEN A	ND DIFFUSE LIGHT	SIZE	MODEL	PRICE
Soft Frost	White diffusion. May be stretched on frames. Place at a distance from high temperature lights.	54" W, 100 sq. ft.	SFR-2	\$50.00
Wide Soft Frost	Same as Soft Frost, extra-wide for large area diffusion	72" W, 100 sq. ft.	SFR-2W	\$70.00
Half Density Soft Frost	Similar to Soft Frost, but less dense. May be stretched on frames.	54" W, 100 sq. ft.	HSF-2	\$50.00
Tough Rolux	White diffusion, high density for very soft lighting.	45" W, 100 sq. ft.	TRX-2	\$75.00
Tough Spun Frost	Effect of spun glass without particle irritation. Tough base.	50" W, 100 sq. ft.	TSP-2	\$75.00
Light Tough Spun	Similar to Tough Spun but less dense.	50" W, 100 sq. ft.	LTS-2	\$75.00
Tough Frost	Soft, even light. For use on hot lights.	48" W, 100 sq. ft.	TFR-2	\$75.00
Light Tough Frost	Less dense than Tough Frost.	48" W, 100 sq. ft.	LTF-2	\$75.00

TO SOFTEN A	ND DIFFUSE LIGHT	SIZE	MODEL	PRICE
Opal Tough Frost	Less dense than Light Tough Frost.	48" W, 100 sq. ft.	OTF-2	\$75.00
Tough Silk	Effect of silk with high heat resistance.	54" W, 100 sq. ft.	TSK-2	\$75.00
Tough Booster Silk	Combines Tough Silk and Quarter Booster Blue. 300K increase.	54" W, 100 sq. ft.	TBS-2	\$85.00
Tough Booster Frost	Combines Tough Frost and Quarter Booster Blue. 600K increase.	54" W, 100 sq. ft.	TBF-2	\$85.00
Tough Blue 50 Frost	Combines Tough Frost and Blue 50 correction.	54" W, 100 sq. ft.	MBF-5	\$85.00

#### RoscoPak—Featherflex Reflector Kits

These reflection kits are 18 square feet sheets of lightweight reflection media packed folded in heavy plastic pouches for easy storage. Very handy on remotes, ENG and studio work. Place in lap of a person in a car and it will bounce light to the face, solving a traditional problem.

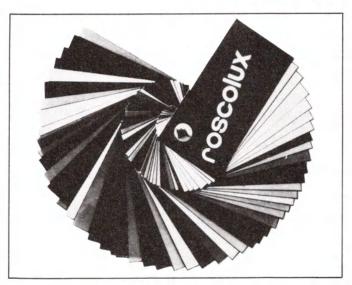
Reflector Kits		Price
RoscoPak D	Daylight (Blue) Reflector-converts 3200° to daylight	\$15.00
RoscoPak G	Gold Reflector for a warm reflection	\$15.00
RoscoPak F	Silver Reflector for direct reflection	\$15.00
RoscoPak W	White Reflector for diffused soft reflection	\$15.00

#### RoscoluxPak—Creative Color Kit

Roscolux is the durable color filter line that works best with video light fixtures. The colors selected for this pak are saturated "TV colors" used by the major networks. Included in the kit are ten different  $10^{\prime\prime}\times12^{\prime\prime}$  sheets, a booklet with tips on using color in video lighting and a complete sample book of all 106 Roscolux colors.



RoscoluxPak \$19.95



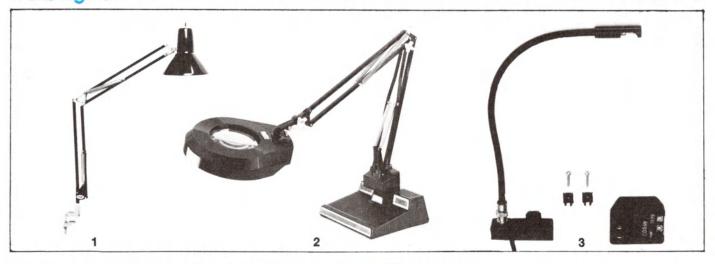
For further information on Rosco material and sample swatches, contact our Customer Service Department.

#### BUIRS

Comprehensive maintains a large inventory of GE and Sylvania bulbs used in television studio and location lighting, and projectors. The bulbs listed on this page are available for **immediate** delivery. If your needs are not listed, please call or write for prices and delivery. We can also supply you with cross-references between the standards ANSI codes and special codes used by lighting fixture manufacturers; contact our technical service desk.

ANSI Code	Wattage	Case Qty.	Less Than \$100	\$100 Up	Full Case or \$300 Up	ANSI Code	Wattage	Case Qty.	Less Than \$100	\$100 Up	Full Case or \$300 Up
BTL	500	12	44.96	35.97	31.47	EJG	750	12	41.27	33.02	28.89
BTM	500	12	44.96	35.97	31.47	EKT	150(10.5V)	12	29.79	23.83	20.85
BTN	750	12	44.76	35.81	31.33	ELH	300	24	22.51	18.01	15.76
BTP	750	12	45.35	36.28	31.75	EMD	750	12	35.02	28.02	24.51
BTR	1000	12	50.93	40.74	35.65	EME	800	12	39.95	31.96	27.96
BWM	750	6	62.56	50.05	43.79	EYL	100(12V)	24	12.85	10.28	9.00
BWN	1000	6	68.07	54.46	47.65	FAD	650	12	21.00	16.80	14.70
DKZ	1000	12	42.67	34.14	29.87	FAV	100(11.5V)	12	33.38	26.70	23.37
DVY	650	12	25.64	20.51	17.95	FBT	150(30V)	12	36.38	29.10	25.47
DXW	1000	12	36.51	29.21	25.56	FBV	250(30V)	12	39.53	31.62	27.67
DXX	800	12	33.95	27.16	23.76	FBW	350(30V)	12	43.00	34.40	30.10
DYA	1000	12	40.70	32.56	28.49	FBX	650	12	26.51	21.21	18.56
DYG	250(30V)	24	18.45	14.76	12.92	FBY	1000	12	37.89	30.31	26.52
DYH	600	24	27.17	21.74	19.02	FCM	1000	12	32.19	25.75	22.53
DYS/DYV/BHC	600	24	20.74	16.59	14.52	FCV	1000	12	64.98	51.98	45.49
EAL	500	12	11.85	9.48	8.30	FDF	500	12	32.19	25.75	22.53
EGF	750	12	64.94	51.95	45.46	FDN	500	12	31.04	24.83	21.73
EGJ	1000	12	68.20	54.56	47.74	FEL	1000	12	53.86	43.09	37.70
EGR	750	12	71.02	56.82	49.71	FER/EHS	1000	12	63.23	50.58	44.26
EGT	1000	12	77.32	61.86	54.12	FEX	1000	12	129.95	103.96	90.96
EHB/EHC	500	12	52.39	41.91	36.67	FEY	2000	12	129.95	103.96	90.96
EHF	750	12	57.94	46.35	40.56	FHM	1000	12	35.72	28.58	25.00

## **Work Lights**



Don't spend your entire "lighting budget" on lighting sets. Here are some economical lamps to assure proper illumination of your off-camera video production activity.

Econo-Lamp

For economy, the XL-334A is your best buy. It has spring-bal-anced arms, vented shade, and tension control knobs. 60W bulb is included. Finished in Black.

XL-334A \$32.95

2. Magnified Lamp

The IM-8E was designed for working on small, compact, and detailed items. Video circuits and assemblies certainly fall into this category, and the 3 diopter lens offers the necessary magnification to make "light" of this work. Uses a 22W fluorescent lamp (included). Table base included. Finished in Black.

IM-8E \$139.95

#### 3. Littlite Kit

How many times have you walked into your control room, dimmed the lights, fired up the console, and then couldn't find the CCU controls, or the pots on your switcher? If you turn up the room lights, you'll cause glare on the monitor faceplates. Answer: A Littlite—featuring a 360° swivel base, dimmer and a BNC connector quick-release. The Littlite Kit includes a set of brackets to store the unit in case you go portable.

L-I \$49.95

# **MICROPHONES**

## Comprehensive Professional Microphones



**Uni-directional Electret Condenser Microphone** 

High-sensitivity/high-output electret microphone that delivers professional broadcast-quality performance. Rugged non-glare black anodized body with wire mesh screen and built-in filter. Excellent for on-camera studio or field use.

MEW

UEM-125 \$99.95



**Omni-Directional Dynamic Microphone** 

Well suited for applications where microphone is centrally located between two or more people, or for interview situations. Ideal as a hand-held or boom microphone. Rugged non-glare die cast body.

HEW

ODM-135 \$79.95



**Uni-Directional Dynamic Microphone** 

Natural, life-like reproduction of both voice and music. Screen and filter provide protection from wind and "Pop" enabling talent to perform close to the microphone. Shock mounted cartridge permits quiet handheld use. Rugged non-glare die-cast body.

\*\*DIF\*\*\*

\*\*UDM-130\*\*

\*\*B9.95\*\*

**Industrial Uni-Directional Microphone** 

Economical, light-weight small in size yet big in sound quality and presence. Ideal replacement for the marginal-quality microphones fitted to video cameras.

MC-100 \$44.95

#### Specifications:

Accessories:

Type:
Polar Pattern:
Impedance:
Frequency Response:
Sensitivity:
Controls:
Connector:
Cable:
Power Supply:

#### **UEM-125**

Electret Condenser Uni-directional cardioid 600 ohms balanced 30-18,000 Hz -63dB ±3dB at 1,000 Hz On/Off switch XLR 3 Pin 20 ft., 2 conductor shielded 1.5V "AA" Battery (included) Holder, windscreen, storage box

#### UDM-130

Dynamic
Uni-directional cardioid
500 ohms balanced
30-18,000 Hz
-78dB ±3dB at 1,000 Hz
On/Off switch
XLR 3 Pin
20 ft., 2 conductor shielded

Holder, windscreen, storage box

#### ODM-135

Dynamic Omni-directional 500 ohms balanced 80-15,000 Hz -72dB ±3dB at 1,000 Hz

XLR 3 Pin 20 ft. 2 conductor shielded

Holder, windscreen, storage box

#### MC-100

Electret Condenser Uni-directional cardioid 600 ohms unbalanced 50-14,000 Hz

On/Off switch Standard phone plug 15 ft., conductor shielded 1.5V "AA" Battery (included) Holder, windscreen, storage box

# Comprehensive Tie-Clip Microphones

Enable live talent to be more natural and at ease by providing each individual with a discrete tie-clip microphone. Ideal way to maximize talent mobility.

#### Professional Subminiature Tie-Clip Microphone

High-sensitivity/high-output subminiature tie-clip microphone delivers professional broadcast-quality performance every time. Rugged non-glare subminiature body. Ideal for on-camera use. Output is high enough to drive most VCRs, mixers and recorders inputs.

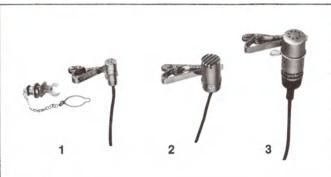
HEW

SML-20 \$89.95

### 2. High-Performance Miniature Tie-Clip Microphone

An established favorite for all levels of video production. Its miniature, rugged, non-glare body will withstand heavy use.

ML-10 \$44.95



3. Tie-Clip Microphone

Economically priced tie-clip microphone. Ideal for tightly budgeted video productions.

ML-5 \$24.95

#### Specifications:

Type:
Polar Pattern:
Impedance:
Frequency Response:
Sensitivity:
Connector:
Cable:
Power Supply:
Accessories:

#### **SML-20**

Electret Condenser — subminiature Omni-directional 600 ohms at 1,000 Hz 50-16,000 Hz -70dB ±3dB at 1,000 Hz Standard phone plug 20 ft., 1 conductor shielded 1.5V "AA" Battery (included) Tie-clip, tie-tack, case

#### ML-10

Electret Condenser — miniature Omni-directional 600 ohms at 1,000 Hz 50-16,000 Hz -64dB ±3dB at 1,000 Hz Standard phone plug 20 ft., 1 conductor shielded 1.5V "AA" Battery (included) Tie-clip, case

#### ML-5

Electret Condenser Omni-directional 600 ohms at 1,000 Hz 50-15,000 Hz

Mini (3.5mm) plug 10 ft. with Mini Plug 1.35V Battery (included) Tie-clip

See color photo on inside back cover.



# **MICROPHONES**

# **Special-Purpose Microphones**

# Super-Cardioid/Cardioid Electret Condenser Microphone



Two Microphones in One

Either a uni-directional or a super-directional microphone by simply changing the sound collecting head and element. Uni-directional for general use, super-directional as a shotgun for pin-pointed sound pick-up.

Built-in tone selector allows additional flexibility: "M" position for wide band response and recording of rich low tones of music; "V" position for narrow band response and voice recording. Sturdy, durable construction with non-glare finish allows for studio or field use. Can be stand/boom mounted, hand-held or camera mounted. UEM-2000 \$169.00

Type: Electret Condenser Microphone

Polar Pattern: Super-directional — Supercardioid; Uni-directional

cardioid Impedance: 600 ohms Frequency

Response: 50-15.000 Hz Sensitivity: Super-cardioid -65dB ±3dB at 1,000 Hz

> cardioid -62dB ±3dB at 1,000 Hz

See color photo on inside back cover.

Controls:

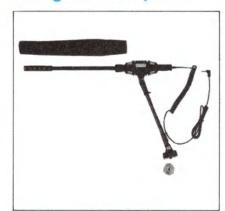
Cable:

Power Supply: Accessories:

Music, Voice Tone Selection; On/Off Switch 16 ft. with XLR Jack to Standard Phone Plug 1.5V "AA" battery (included) Holder, Windscreen for super-directional head; Windscreen for uni-directional head, vinyl storage

box.

## Shotgun Microphone



Designed expressly for use with hand-held ENG/EFP cameras where conventional or wireless mics are undesirable or impractical. Quality voice recording is possible from distances up to thirty feet away with usable audio obtainable from up to 50 feet.

Install SGM-2's mounting shoe on your camera to enable microphone to be easily mounted or removed. Includes windscreen for outside use

Cable:

Accessories:

sports and other action events

interviewing "on the run"

interviewing in a situation where hand-held or lavalier mics and associated cables would be

giving a more spontaneous appearance to group interviews and discussions in a studio, a classroom, or on location

any recording situation, indoors or outdoors, with high-level ambient noise

SGM-2 \$74.95

Electret Polar Pattern: Super-cardioid 600 ohms Impedance:

Frequency 50-10.000 Hz Response: -60dB at 1,000 Hz 1.5V "AA" battery (included) Sensitivity: Power Supply: Weight: 51/2 OZ.

3 ft. with Mini (2.5mm) Plug Camera mounting shoe, windscreen, vinyl storage

# Conference Microphone =



Designed to replace four or more microphones customarily used at each speaker's position. Attractive low-profile design will revolutionize your conference recording requirements. Eliminates table sound reflections, changing tone quality and hum. Exclusive shock-mounting system minimizes table thumps. Specially contoured response eliminates room "hollowness" and rumble.

> Dynamic Uni-directional cardioid

(omni-directional at all frequencies in the horizontal plane) Lo Z 150 ohms EIA (250

Impedance: ohms actual) Frequency

Response: 100-15,000 Hz; 100-12,000 Hz; 60° off-axis

-54dB (0dB=1mw/10 mi-crobars); -146dB EIA 60° off-axis; -56.5dB (0dB=1 mw/10 microbars); -148dB

Front-To-Back Shielding:

Output:

Type: Polar Pattern:

25dB

Electrostatic and Elec-

Magnetic Hum Pick-Up

Level:

Dimensions:

Weight: Finish:

Cable:

Less than -141dbV re: .001 gauss, 60 Hz 127mm (5") diameter × 82.6mm (31/4") high

1070 \$279.00

411 grams (141/2 oz.) with Black, Cycolac housing with woodgrain trim and black

screen 6.4mm (21 ft.) of two conductor, shielded, 3.2mm

(1/8") diameter, extra flexible, rugged synthetic jacketed, permanently attached cable

SUPPLY CORPORATION

# **MICROPHONES** Wireless Microphone System

PRO-410 System

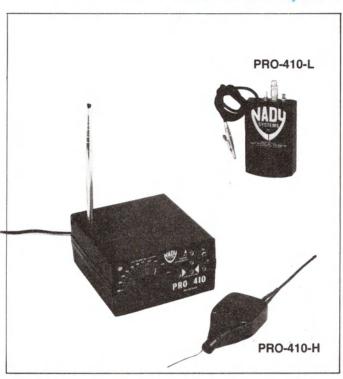
Top-of-the-line, broadcast-quality PRO-410 series. This wireless FM Battery-Operated Transmitter with AC-Operated Receiver system is tunable across the 88-108 MHz range. Available with a Hand-Held mic Transmitter that attaches to any professional hand-held mic, or a Belt Clip Transmitter that accepts any quality low impedance lavalier mic. Either choice, with receiver, has an effective range of approximately 400 feet.

#### Features:

- Over 100+dB s/n for noise-free operation
- Six or more channels can be run simultaneously due to manual frequency selection
- Receiver is supplied with balanced 150 ohm XLR output and a standard 600 ohm phone jack unbalanced output  $(6.0" \times 6.0"$  $\times$  3.0"), 2 lbs. 4 oz.
- Transmitter operates 10 hours on a single 9V battery (3.7" ×  $2.4'' \times .8''$ ) 6.2 oz.
- (NEW) PRO-410-L\* Belt-clip transmitter that ac
  - cepts lavalier microphones\*\* with AC-operated receiver

\$1,050.00

- (NEW) PRO-410-H \*\* Hand-held microphone
  - transmitter that attaches to microphone using XLR connector\*\*, with AC-operated receiver.
- NOTE: \*input connector is lemo type 4 pin connector
  - (supplied)
  - \*\*some assembly required



## PRO-49 II System

#### Wireless Lavalier Microphone System

Intended for today's industrial and professional users. The PRO-49II is a wireless lavalier microphone system available in matched pairs in 2 fixed frequencies in the 49 MHz range. It includes a Battery-Operated Transmitter, a Tie Clip Mic, and an AC-Operated Receiver, all with an effective range of approximately 250 feet.

- Wide dynamic range 100+dB, minimizes background hiss and overload distortion
- Two different channels can be run simultaneously.
- Receiver is supplied with standard phone jack output (6.7" ×  $5.0'' \times 2.2''$ ), 1 lb. 7 oz.
- Transmitter operates over 10 hours on a single 9V battery (3.8"  $\times 2.4'' \times .8''$ ) 2½ oz.

PRO-49II-Red 49.830 MHz \$450.00 PRO-49II-Blue 49.890 MHz \$450.00



# MICROPHONE ACCESSORIES

## Microphone Stands



Functional sturdy, and long-lasting stands for virtually all applications. Constructed of upright steel tubing. All models terminate with standard 5%"-27 threads for mating of microphone or microphone holders.

#### Floor Stands

#### 1. MS-12C

General purpose microphone stand with grip action clutch, low-profile base. Charcoal wrinkle base. Height adjustment 34"-62", base 10" dia., weight 12 lbs.

MS-12C \$29.95

#### 2. MS-20

Heavy-duty professional stand, grip-action clutch. Extra height, over size 11/8" diameter tube assembly. Height 37"-66", base 12" dia., charcoal wrinkle base, weight 14 lbs.

MS-20 \$45.95

#### 3. MS-25

Super-duty stand has integral air suspension to counter-balance microphone weight. Extra heavy triangular base with concave sides. Height 38"-67", base 17" dia., weight 23 lbs.

MS-25 \$79.95

#### 4. PSC-3

One piece collapsible floor stand. Fast set-up, spring-action tripod base. Legs telescope up into tube assembly. Three sections close down to 26" height. Attractive black baked epoxy. 25" base spread makes this a very stable stand. Height adjustable 26"-66", weight 4½ lbs. (Shown with PB-1X microphone boom.)

PSC-3 \$49.95

#### 5. PB-1X

Microphone Boom—extends from 31" to 50" supplementing the flexibility of any microphone stand terminating in %"-27 male thread. Ideal for use in TV studio. Weight 6 lbs. (Shown mounted on PSC-3 Floor Stand.)

PB-1X \$34.95

### **Desk Stands**

#### 6. DS-1

Executive Mic stand features luxurious white marble base with cushioning pad on bottom to protect table or desk surface. Designed for use in executive offices, board rooms, etc. Thread \( \frac{9}{8}"-27, length 7", width 5", height 4", weight 2 lbs.

DS-1 \$24.95

#### 7. DS-2

Designer-styled desk stand features a built-in vibration-reducing element. Minimizes conduction of external mechanical vibrations to microphone. Textured black finish with cast metal base.  $5\%'' \text{ L} \times 4\%'' \text{ W} \times 4\%'' \text{ H}$ , weight 2 lbs.

DS-2 \$22.95

#### 8. DS-5

General Purpose. Non-adjustable 4" high, 6" diameter charcoal wrinkle base, weight 2 lbs.

DS-5 \$9.95

#### 9. DS-7

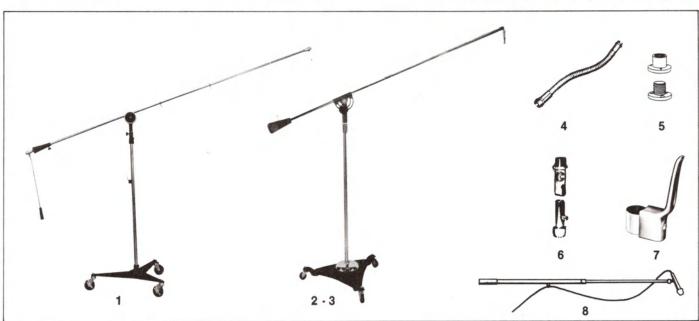
Adjustable desk stand, 8" to 13", grip action clutch, 6" diameter charcoal wrinkle base, weight 3 lbs.

DS-7 \$15.95



# MICROPHONE ACCESSORIES

## Boom Stands/Accessories



### **Boom Stands**

1. SB-100W

Professional mobile boom stand designed for use in television studios. Noise-free and continuously variable throughout a 350° radius. The microphone follower's manipulation is accomplished by a unique flexible drive which is controlled by a single knob at the operator's end of the boom arm. Allows complete one-handed guidance control of boom motion in both vertical and horizontal directions. Snap-guide clips secure the microphone cable to the boom. A cable hanger on the verticle tube assembly permits neat storage of microphone cable. Two of the heavyduty swivel-type casters lock for stationary positioning of the stand.

SB-100W \$595.00

Specifications:

Boom Length: 96" Height Adjustment: 61½"-92½"

Counterweight: 51/2 lbs.

Construction: Cast steel with non-glare black finish

Weight: 471/2 lbs.

2. SB-36W

Mobile boom stand features grip action clutch with integral air suspension system for counterbalance. Employs standard %"-27 threaded gyromatic swivel joint at microphone end and three 4" rubber casters for mobility.

SB-36W \$225.00

Specifications:

Boom length: 62"

Height Adjustment: 48"-72"

Base: 17" dia. triangular

Construction: Cast steel with charcoal wrinkle finish and chrome cover

Weight: 40 lbs.

3. SB-36

Same as SB36W, except without casters. Weight 36 lbs.

SB-36 \$195.00

### **Accessories**

#### 4. Flexible Gooseneck

Attaches to any stand employing %"-27 male and female threads. Chrome finish.

**GN-6** 6" long \$ 5.85

GN-13 13" long \$ 8.20

GN-19 19" long \$11.25

#### 5. Adapters for mounting goosenecks

**AD-11** 5"-27 female flange, 134" dia. base **\$2.80 AD-12** 5"-27 male flange, base holes on 114" mounting

centers

\$3.05

#### 6. Lock-On Device

Protective locking design with push-button release for instantaneous fastening or disconnect of microphone holder or boom attachment from any stand. Chrome finish.

LO-2B \$11.10

7. Cable Hanger

Essential for neat appearance of microphone cable as well as for moving and storage of complete microphone stand. Fits all tube assembly sizes. Single screw mounting. Chrome finish.

CH-1B \$10.00

#### 8. Fish Pole

Hand-held microphone extension pole. Keeps the microphone out of the picture while maintaining optimum sound levels on location and mobile shots. Ideal for EFP work. Light-weight, sturdy two piece construction. Extends from 5 to 9½ feet. Features standard ½"-27 thread for microphone holder plus cable holders to keep the mic cable out of the picture.

MEW FP-9 \$29.95



# MICROPHONE ACCESSORIES

## Comprehensive Mic Extension Cables

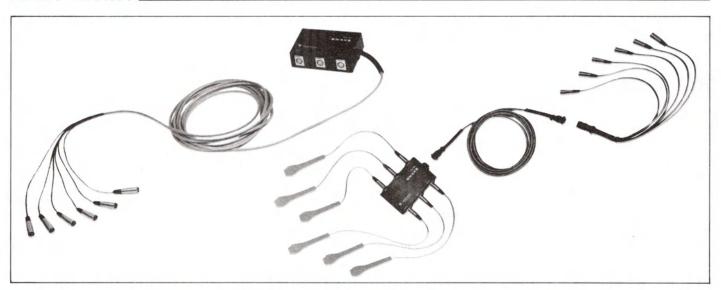


Designed to transmit clear signals, while cancelling out hum and cross-talk. By utilizing stranded conductors and a rubber jacket, maximum flexibility is achieved. These professional cables maximize the quality of your audio signal. Ideal for everything from network broadcasting to recording a school play.

		1-4	5-49	50 +
XLRP-XLRJ-15 ⋈ 🗷 🤍	15 ft.	29.95	26.96	23.96
XLRP-XLRJ-25	25 ft.	36.95	33.26	29.56
XLRP-XLRJ-50	50 ft.	57.95	52.16	46.36
XLRP-XLRJ-75	75 ft.	79.95	71.96	63.96
XLRP-XLRJ-100	100 ft.	89.95	80.96	71.96

(See pages 18 and 19 for other Comprehensive microphone and audio cables.)

### Audio Snakes



Audio snakes simplify hook-ups and ensure trouble-free operations in the studio, on location, or in make-do situations.

Simply plug your mics into the snake junction box, and then run one umbilical (multi-conductor) cable to your mixer.

Ideal for temporary applications (conferences, meetings, etc.) as well.

Permanent Spread And Box

Complete, hard-wired snake for six microphones. One end has 6 separated XLRP (male) connectors to feed a mixer. The other end of the 50' snake is fitted with a rugged die-cast input box with 6 XLRJ-CM (female) connectors mounted on the sides. Input box Dimension:  $7\frac{1}{2}$ " L  $\times$   $4\frac{3}{4}$ " W  $\times$   $2\frac{1}{2}$ " D.

6AM-6BX \$299.00

Permanent Spread/Detachable Box

Same as above but with a detachable umbilical cord at input box. 50 ft. cable.

6AM-6DBX \$349.00

**Detachable Spread And Box** Same as above, but with a detachable umbilical cord at input box and at connector spread. Comes with a 50 ft. cable.

6DAM-6DBX \$399.00

Extension

50 ft. snake extension cable for use with the 6AM-6DBX or 6DAM-6DBX.

6EXM-EXF \$169.00

NOTE: On special orders we can supply 8, 12, and 16 input snakes, as well as custom extensions for same. Please contact Customer Service Department.



# **AUDIO MIXERS**

## Universal Stereo Mixer

Semi-professional solid state 6-in 2-out mixer with VU meters, panpot controls, monitoring switch, head phone jack, and cueing switches for each channel.

Economical mixer for small video production facilities. Ideal for post-production and editing. Put it between two VTRs/VCRs and you have full audio editing control.

MMV-7 \$249.50

#### Input Channels:

- 1. Microphone (lo or hi imped.)
- Microphone (lo or hi imped.) Phono (magnetic stereo)
- Phono (magnetic stereo)
- Tape (stereo)
- Tuner (stereo)

Frequency Response: 30 Hz to 20K Hz ± 2dB. Power: 117V AC

Circuitry: 3—IC's, 15—Io-Noise Silicon Transistors—7 Diodes Dimensions: 12"W × 3½" H × 8" D

Weight: Approx. 51/2 lbs.



### Studio Audio Mixer

This 6-in 4-out audio mixer is a professional way to give audio the same flexibility and quality of control that you demand for video. The MM-2A can often be thought of as an "Audio Special Effects

The complete MM-2A (as illustrated) consists of:

- Model 2A Mixer
- Model MB-20 Meter Bridge
- Model SB-2A Console Cradle

MM-2A \$895.00

#### **MB-20 Specifications**

Input Level: 20 dB (0.1V)/-10dB (0.3V)/-2dB (0.78V)/+4dB (1.23V), switchable

Input Impedance: Greater than 100K ohms (with no load connected to OUTPUT)

Output Level: Equivalent to input level

Output Load Impedance: Equivalent to load impedance of externally connected equipment output

Tape-In Level: -10dB (0.3V)

Tape-In Impedance: Greater than 50K ohms (with no load connected to OUTPUT)

Foldback Level: -10dB (0.3V)

Foldback Load Impedance: Equivalent to load impedance of tape recorded output connected to TAPE-IN

Mon Out Level: -10dB (0.3V)

Mon Out Load Impedance: Greater than 10K ohms

Headphone: Load impedance 8 ohms, maximum level 100 mV

Frequency Response (Overall-INPUT through MON OUT): 30 Hz 20K Hz, +0.5dB/-0.5dB

Signal To Noise Ratio (Overall—INPUT thru MON OUT): 70dB WTD, 65dB UNWTD

Phone Residual Noise: -60dB

Distortion (Overall-INPUT thru MON OUT): 0.1% THD max.

Power Requirements: 117V, AC 60 Hz, 8W

#### Model 2A Specifications:

Mic Inputs Sensitivity: Nominal -60dB. 150 to 10K ohms source Impedance: 50K ohms, un-

balanced Attenuation: 20dB, switchable

Maximum Input Level: -10dB with maximum attenuation

Line Inputs

Sensitivity: Nominal -10dB (0.3 RMS)

Impedance: 30K ohms, unbalanced

Maximum Input Level: +20dB (10V)

Buss Inputs

-10dB Sensitivity: Nominal (0.3V RMS)

See color photo on back cover.



Impedance: 15K ohms, unbal-

Maximum Input Level: +10dB

Line and Auxiliary Outputs Load Impedance: 10K ohms or higher, unbalanced Nominal Level: -10dB (0.3V

RMS) Accessory Send/Receive Send Load Impedance: 10K ohms or higher, unbalanced Send Nominal Level: 0.3V

RMS (-10dB) Receive Impedance: 10K ohms, unbalanced

Nominal Receive Level: 0.3V RMS (-10dB) Headroom: 20dB over rated

output level Signal-to-Noise Ratio, Overall (input to output):

One input—greater than 62dB, WTD Six inputs—greater than

55dB, WTD Frequency Response: 30 Hz Maximum Output Level: +10dB (3V)

Cut Outputs

Load Impedance: 50K ohms or higher, unbalanced Nominal Level: -20dB (0.1 V RHS)

 $-20 \text{ kHz} \pm 2 \text{dB}$ 

Filters: High cut -12dB/octave attenuation at 5 kHz and 10 kHz; Low cut -12dB/octave attenuation at 100 Hz and 200 Hz

Crosstalk: More than 50dB down at 1 kHz

Distortion, Overall (Input to Output): 0.3% THD, maximum

Attenuation: Greater

than 60dB Power Requirements: 117V

AC, 60 Hz, 5W Dimensions: 31/4" H, 131/4" W, 101/4" D

Weight: 15 lbs.

SUPPLY CORPORATION 129

Overcome interface obstacles that occur during splitting, combining, balancing, matching, amplifying, reducing, mixing, or distribution of audio signals. This full range of audio interface components can solve many problems and allow you to utilize your current audio equipment more efficiently.

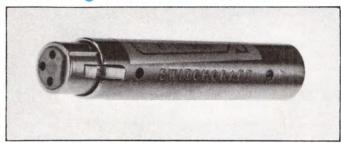
### Inline Transformers



Matches 150-250 ohms microphones to Hi-Z inputs. Supplied with mating connectors and complete instructions. Select the proper in-line transformer for your particular application. Full 20-20,000 Hz frequency response. Magnetically shielded to eliminate hum. Transformers can be used in either direction.

Input Connector	Output Connector	Price
Male XLR	Phone Plug	\$24.00
Male XLR	Phono Plug	27.00
Female XLR	Phone Plug	29.00
Female XLR	Phono Plug	29.00
Female XLR	Mini Plug	29.50
	Connector  Male XLR  Male XLR  Female XLR  Female XLR	Connector  Male XLR Male XLR Phone Plug Male XLR Female XLR Phone Plug Phone Plug Phone Plug Phone Plug Phone Plug

## **Balancing Transformers**;



Used to balance an unbalanced system. They convert a 600 ohms unbalanced input to a 600 ohms balanced output.

Model No.		Input Connector	Output Connector	Price
TR-131	Line Level Balancing Transformer	Female XLR	Std. Phone Plug	\$29.50
IL-19	Line Level Balancing Transformer	Female XLR	Male XLR	28.00
IL-6	Mic Level Balancing Transformer	Female XI R	Male XLR	28.00

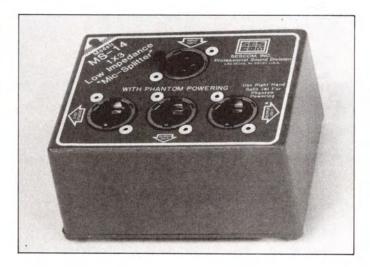
## Line Input Adapter (Passive):



Takes line level and reduces it to mic level. Extremely useful to feed a balanced audio line level output into a low impedance mic level input such as a mixer or recorder with mic inputs only. Primary impedance is 600 ohms, the secondary is 150 ohms. The line level input is a female XLR connector, the mic level output is a male XLR connector.

IL-16 \$25.00

# Low Impedance $1 \times 3$ "Mic-Splitter" (Passive):



Microphone Splitters

Microphone level signals may be split to feed multiple mic inputs (VCRs/VTRs, monitors, speakers, audio recorders, etc.)

Splits a single low-impedance mic line into 3 outputs. Simultaneously supplys inputs to any combination of VCRs/VTRs, mixers, PA, or studio monitors, with 30dB isolation between the three outputs. Any output can be shorted with virtually no effect (.1dB) on the other outputs. Special micsplitting transformer passes a phantom voltage and accepts a maximum input level of +6dBm. Durable die cast box.

MS-14 \$80.00

- Input Impedance: One 150-600 ohm
- Input Level: +6dBv
- Input Connector: One female XLR
- Output Impedance: Three 150-600 ohms Output Connectors: Three male XLR
- Distortion: .1% 20-20 KHz
- Frequency Response: 20-20KHz ±1dB
- Size: 11.90cm (4 11/16")  $\times$  9.37cm (3 11/16")  $\times$  5.24cm (21/16'')
- Weight: 1 lb.

Low Impedance  $4 \times 3$  "Mic-Splitter" (Passive)

The equivalent to four MS-14s in one unit. Splits each of 4 lowimpedance microphone lines into 3 male XLR outputs. The right hand output in each set designed to pass phantom power. Weight approx. 4 lbs.

MS-15 \$345.00



# "Mic-Combiner" (Passive)

Combine two microphones into a common output. The phase reversal switch may be used to put two microphones out of phase with one another, permitting 2 omni-directional mics to be used together as a super-cardioid. When all the mixer inputs are in use, two similar microphones may be combined with the Mic-Combiner. It gives excellent isolation between the microphones and if one cable is accidentally shorted, it will not shut down the system.

MS-3 \$87.00

#### Specifications:

- Primary Impedance: 150-250 ohms (two)
- Second Impedance: 150-250 ohms
- Input Level: -10dBm @ 30 Hz .2% THD Frequency Response: ±1dB 20-20K Hz
- Max Insertion Loss: 11/2dB unterminated (typical 1dB)
- Electro-magnetic and Electro-static Shielding: -60dB
- Input Connectors: Two female XLR
  Output Connector: Male XLR
- Phase Reversal Switch: On right hand input connector
- Housing: Ruggedized die cast aluminum housing, epoxy painted
- Size: 11.90cm (4 11/16") × 9.37cm (3 11/16") × 5.24cm (2 1/16")
- Weight: 1 lb.



# "Mic-Splitter/Mic Combiner" (Passive)

The  $1 \times 4$  splitter/4  $\times 1$  combiner is designed to split or combine, or any combination thereof. One mic split four ways or four mics combined into a common output. Uses are limitless and determined by the user. Virtually any combination of the possible uses can be tried. A very valuable tool for field use. The unit contains a special transformer with isolation resistors and ground lift switches.

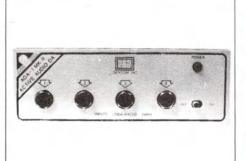
MS-5 \$240.00

- Primary Impedance: 150-250 ohms (useable to 1200 ohms)
- Secondary Impedance: 150-250 ohms (useable to 1200 ohms) Input Level: -10dB @ 303 Hz .2% THD Frequency Response: 20-20K Hz ±1dB

- Max Insertion Loss: 1½dB interminated (typical 1dB)
   Electro-magnetic and Electro-static Shielding: -60dB
- Input Connectors: Four female XLR
- Output Connectors: Four male XLR
- Ground Life Switches: On all connectors
- Housing: Rugged die-cast aluminum Size: 18.77cm  $(7.39'') \times 11.94$ cm  $(.70'') \times 7.77$ cm (3.06'')
- · Weight: 3.5 lbs.



# Audio Distribution Amplifier (Active Splitter)



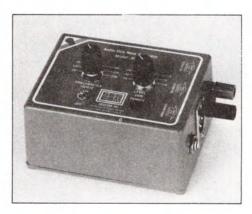
Designed for use in systems where up to four separate 600 ohm balanced outputs are required. Ideal for audio distribution in TV studios to multiple pieces of equipment, and playback to multiple monitors with audio inputs. Can be used with four-channel tape recorders, in PA systems, or when sending audio over distances. The four line amplifiers can be fed via the common unbalanced 100K ohm transformer or 15K ohm bridging transformer balanced input. The signal to any one of the four line amplifiers may be interrupted by the front mounted switching-type phone jack without disturbing the balance of the system.

ADA-1 \$195.00

- Specifications:

   Input Impedance: Four 100K ohm unbalanced. One 15K ohm bridging transformer halanced
- Input Level: -20dB to 0dB
  Input Connector: Four + one standard phone jack. One Female XLR
- Output Impedance: Four 600 ohm transformer balanced
- · Output Connectors: Four male XLR
- Output Level: +18dBm max
- Distortion: 2% 20-20KHz
- Frequency Response: 20-20K Hz ±1dB
- Gain: 14dB and unity
- Noise: -9dB below rated output
- Power Source: 115V Size: 17.8cm (7") × 6.35cm (2½") × 12.7cm

# Audio Sine-Wave Generator (Active) =



Ideal for setting up a sound system or checking existing systems. A six-position switch changes the common audio frequencies and a five-position switch adjusts the typical output levels. Powered by two nine-volt batteries. Built in a rugged die-cast box with on/off switch and LED indicator lamp.

ASG-1 \$198.00

Specifications:

- Frequency: 20 Hz, 100 Hz, 1 KHz, 5 KHz, 10
- Frequency: 20 Hz, 100 Hz, 1 KHz, 3 KHz, 10 KHz, 20 KHz ±10% Output Level: ±1dB + 4dBm, 0dBm, -3dBm, -10dBm, -20dBm, -56dBm Output Connectors: One male XLR, two
- binding posts (balanced) One 1/4" phone jack (600 ohm unbalanced)
- Distortion: .5% 20-20 KHz THD
- Size: 11.90cm (4 11/16") × 9.37cm (3 11/16") × 5.24cm (2 1/16")
- Battery/Battery Life: Two 9-volt batteries: 5

# Mic Line Driver (Active)



Balances a low-impedance mic level input to a balanced line level output. Mic level signal is amplified to line level for equipment having audio line inputs only. Ideal for field applications with extremely long cable runs where it can be used to increase the level which has been lost in the cable run. Where the cable may be noisy (interference or static), it can boost the output above the noise.

An internal screwdriver adjustment will raise the input level from a minimum of 20 dB to a maximum of 45 dB.

Unit incorporates a bi-fet op-amp with high slew rate and low distortion for first-class audio performance. Can be phantom powered.

MLD-1 \$125.00

- Input Connectors: female XLR
- Input Impedance: 150 ohm transformerbalanced
- Output Connector: male XLR
- Output Impedance: 600 ohm transformerbalanced
- Gain: Adjustable, 20dB to 45dB max
- Distortion: .2% 20-20 KHz @ + 6dBM Frequency Response: 20-20 KHz ±1dB
- Power Consumption: 2.8 mz
- Battery/Life: 9V; 20 hours
- Equivalent Noise: -128dB



Varipad Mic Antenuator (Passive)

Designed to replace all fixed pads. Bridges microphones and 600 ohm lines. Reduces the level of low-impedance mics from +10dB to 30dB in 5-step increments. Frequency response is 20-20 KHz ±1dB.

IL-18 \$58.00



Line Antenuator (Passive)

Adjusts balanced low-impedance line levels from 0 thru 15dB in one dB increments. Pads are arranged in 1, 2, 4 and 8 dB steps for variable combinations. Input power level is +18dBv. Frequency response is 20-20 KHz ±1dB.

IL-21 \$37.00

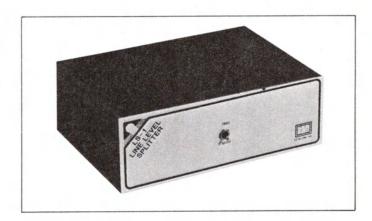


**Line Level 1**  $\times$  4 Splitter (Active)

For editing or dubbing audio signals. Feed up to four VCRs/ VTRs, mixers, or monitors. Designed to split the output up to four ways while maintaining balance and isolation. Ideal with mixers and other equipment having no output transformers. Input impedance is switchable 150 ohms/600 ohms.

LS-1 \$160.00

- Input Impedance: 150 ohms or 600 ohms balanced
- Input Level: ±30 dBm max
- Input Connector: One female XLR
- Output Impedance: 600 ohms balanced
- Output Connectors: Four male XLR
- Output Power Level: +30dBm max
- Distortion: .2% 20-20 KHz
   Frequency Response: 20-20 KHz ±1dB
- Gain: ±6dB max
- Size: 17.78cm (7") × 6.35cm (2½") × 12.7cm (5")



# **INTERCOMS**

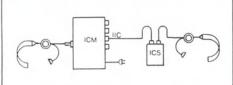
## Comprehensive ICM-4 Intercom System ===

An economical way to configure multiple camera operations employing video cameras that do not have costly built-in intercomfacilities

- Intercom suitable for use with ANY camera (no modifications necessary)
- Self-contained, and simple to operate
- Low cost
- Ideal way for schools or training departments to upgrade video program production capability
- Further sub-stations/headsets may be added as required







The basic 2-station ICM System consists of:

- 1 each ICM-4 Master Station
- 1 each ICS or Sub-station
- 1 each IIC Cable
- 2 each Headsets

Each additional station requires:

- 1 each ICS Sub-station
- 1 each IIC interconnecting Cable
- 1 each Headset

#### **Master Station**

ICM-4 \$199.00

Up to 4 sub-stations may be connected for 5 party line operation. Has jack for one headset. Dimensions: 3" H  $\times$  7" W  $\times$  4" D. AC powered.

#### Sub-station—With Belt Clip

ICS-B \$99.00

Belt clip affords cameraman or floor manager greater mobility. May also be clamped onto camera arm or tripod leg.

#### Interconnect Cable

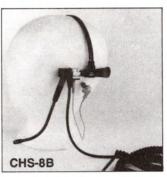
IIC \$32.00

Connects Master Station to each sub-station. 32' long.

# Headsets For Standard Carbon Mic Systems







NOTE: All headsets are "carbon-type" and fully compatible with intercom systems used in video production, and by most camera and equipment manufacturers.

#### Intercom Headset

CHS-52 \$55.00

Standard telephone-type headset. Fully adjustable to fit properly on head. Works in concert with Comprehensive ICM intercom system or with most other carbon-type intercom systems. Equipped with a 5 ft. cord and standard "ring tip sleeve" phone plug.

Cameraman Headsets CHS-650 \$149.00

Light-weight, comfortable and virtually unbreakable single phone headset. Adjusts quickly to fit any size head. 3-way mic boom can be rotated a full 360°. Standard 10 ft. coil cord (retractable to 3 ft.) is fitted with 3-position mic switch (on/off/push to talk) and belt clip. Terminated by a standard "ring tip sleeve" phone plug.

#### Specifications:

134

Earphone Impedance: 300 ohms Mic: Carbon noise cancelling Mic Impedance: 30 ohms

Mic Frequency Response: 300-5000 Hz

Weight: Approx. 7 ozs.

**Light-Weight Headsets** 

CHS-8B \$139.00

Super-lightweight single phone headset is the last word in style, comfort and operating excellence. Features a flexible headband that provides excellent stability with minimal pressure. Headset can also be attached to eye glass frames.

Standard 10 ft. coil cord (retractable to 3 ft.) is terminated by a "ring tip sleeve" phone plug. Supplied with padded storage pouch and 3 spare earphone tips.

#### Specifications:

Earphone Impedance: 150 ohms

Mic Impedance: LO-Z

Mic Frequency Response: 350-3500 Hz

Weight: Approx. 2 oz.



# **INTERCOMS**

## **■ PORTA-COM™ Systems**

For ENG/EFP headphone communication the choice is PORTA-COM. PORTA-COM offers significantly better voice quality and is truly portable.

Start out with a simple two-station system, which is a natural for a camera and VTR two-man crew, and add up to ten headsets in all. Cable length does not affect system performance.

These dynamic head/microphone units are specifically designed for heavy use, indoors or out. The microphone rotates 270° and delivers a crisp and clear signal.

Earphone Impedance: 600 ohms Microphone Impedance: 50-15,000 Hz Frequency Response: 200 ohms Sensitivity: 110dB @ 100 Hz

#### Porta-Com Features:

- Longer distance between stations made possible by bal-anced Lo-Z Dynamic Noise Cancelling Microphones
- Single box amplifier eliminates need for individual amplifiers at each station.
- Powered by internal battery or AC adapter for complete system mobility.
- Adjustable volume control.
- Easy set-up and operation.
- · Rugged light-weight die-cast aluminum enclosures for the Central Control Box and Remote Branch Modules. Headsets are made of light-weight, high-impact plastic.
- Reliable solid-state circuitry and high-quality electronic components employed throughout.
- Durable carrying case for compact storage/protection during travel.

#### **Two Station System**

COM-2S \$495.00

- 1 ea. Central Control system
- 2 ea. Headsets (microphone and dual earphones)
  2 ea. 50 ft. extension with connectors
  4 ea. "AA" Batteries

- 1 ea. AC Adapter
- 1 ea. Carrying Case

### Four Station System

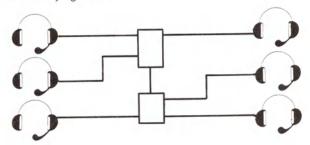
COM-4S \$695.00

- 1 ea. Central Control System
- 4 ea. Headsets (microphone and dual earphones)
- 4 ea. 50 ft. extension with connectors
- 4 ea. "AA" Batteries
- 1 ea. AC Adapter
- 1 ea. Carrying Case

#### Six Station System

COM-6SJ \$995.00

- 1 ea. Central Control System
- 6 ea. Headsets (microphone and dual earphones)
- 6 ea. 50 ft. extension with connectors
- 1 ea. Branch Extension Box
- 4 ea. "AA" Batteries
- 1 ea. AC Adapter
- 1 ea. Carrying Case



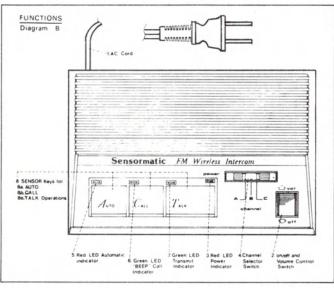


	Separate Components	
Model	for Custom Systems	Price
HS-50B	Central Control Console (w/o bat.)	\$259.00
RM-50	Rackmount Kit for HS-50B, 51/4"	39.50
11111 00	rack space, NEW now has two	00.00
	headset jacks on panel - (AC	
	adapter not included)	
HS-101		389.00
H9-101	Dual Channel, Central Control	309.00
40.400	Console	16 50
AC-100	AC Adapter for HS-50B	16.50
AC-200	AC Adapter for HS-101	22.00
H-50	Headset-Dual Earpieces & Mic	84.00
H-50C	Headset-Dual Ear w/Call Button	91.00
H-50M	Headset-Dual Ear w/Mic Switch	93.00
H-50CM	Headset-Dual Ear w/Call & Mic	99.00
	Switch	
H-50S	Headset-Single Earpiece & Mic	79.00
H-50SC	Headset-Single Ear w/Call Button	85.00
H-50SCM	Headset-Single Ear w/Call & Mic	94.00
H-303CW	Switch	
B-20	Branch Extension Box (1 input;	59.00
	2 output)	
B-30	Branch Extension Box (1 input;	65.00
2 00	3 output)	
B-40	Branch Extension Box (1 input;	70.00
D-40	4 output)	
B-50	Branch Extension Box (1 input;	74.00
D 00	5 output)	
EX-6PCF	Adapter cable w/female connectors	25.00
EX-01 OI	on each end	
EX-25PC	Extension Cable — 25 ft.	28.00
EX-50PC	Extension Cable — 50 ft.	34.00
	Extension Cable — 35 ft.	40.00
EX-75PC	Extension Cable — 75 ft.  Extension Cable — 100 ft.	46.00
EX-100PC	Extension Cable — 100 It.	70.00
EX-200PC	Extension Cable — 200 ft.	
EX-500PC	Extension Cable — 500 ft.	142.00
EX-1000PC	Extension Cable — 1000 ft.	262.00
CC-50	Carrying Case	29.00

# INTERCOM

### FM Wireless Intercom





Economical way to maintain communication between control room, studio, sound booth, film chain, dressing room, etc. System allows up to 4 different channels to be in operation at one time. Each unit is switchable to any of the channels allowing various combinations of intra-facility conversation. Communication is transmitted over the power line using a phase-locked-loop FM

When several stations are used, only one may talk at a time while the others must listen. Calling is accomplished by a "tremelo" tone signal.

#### Features:

- Easy to install. Simply plug sets into nearest AC outlet and talk no wiring is required.
   "Talk Lock" button for extended periods of talking.
- Wide-range speaker/microphone for improved tone quality.
- Noise-free clear intercommunication.
- Push-to-talk and release-to-listen controls.
- Monitor capability.

#### Specifications:

Circuit: 6 ICs, 10 transistors, 13 diodes

Modulation: FM

Receipt & Transmission: Phase-locked-loop

300 mW Output:

Channel Frequencies: 160 KHz, 190 KHz, 220 KHz, 250

KHz

Power Source: AC 117V, 50/60 cycles (Hz)

Speaker/Mic: Weight: 21/2" dynamic 1½ lbs.

Size: 83/4" Long; 51/4" Wide

COM-9 3-Channel Wireless Intercom \$94.95 each

NOTE: A minimum of 2 stations are required. Stations must be plugged into lines that are on the same side of the power

line distribution transformer.

# **AUDIO MONITORS**

# Lapel Horn/Earphone =





Lapel Horn-Portable Speaker for VCRs

It's often necessary to playback your video signal through the camera's electronic viewfinder, but what about audio playback? If you are editing your production from the camera, you may never know what important audio line you have just cut. Earphones permit only one person to monitor the audio. Comprehensive's Lapel Horn enable all involved to hear.

LS-100 \$9.95

Light-weight Earphone

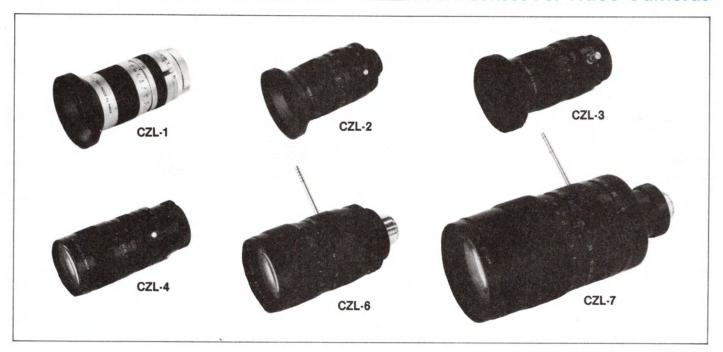
You hardly know it's there. Light-weight, comfortable and completely sanitary. This earphone does not touch the inner ear. Fits all ears either left or right side. Plugs conveniently into FCR audio monitor output.

HEW

EP-100 \$6.95

# **VIDEO LENSES**

### Zoom Lenses For Video Cameras



Video cameras often come with lenses of marginal quality and performance. Some viewfinder cameras are delivered with only a fixed focus lens.

If you find yourself running "wide open" to get usable pictures . . . if you are forced to settle for a medium shot when you really want a close-up . . . then upgrade your camera flexibility with Comprehensive lenses.

The chart lists a selection of quality zoom lenses for most of the widely used color and black & white cameras.

Useful tips: An f1.8 lens will enable you to shoot with only one-half as much light as an f2.5, and only one-quarter as much as an f3.5.

Subjects will appear nearly twice as large on the screen when shot with a 90mm lens as compared to a 50mm lens.

The CZL-3 Macro lens will enable you to shoot a subject literally touching the front element of the lens.

		Camera				Field of View at	t Minimum Distance		
	Model No.	Tube Format	Ratio	Focal Length	Speed	Min. Dist. Lens to Object	Object Dimension at Min. Dist.		Price
	CZL-1	2/3"	6:1	12.5-75 mm	f1.8	391/3"	Tele. 3¾" × 2½" Wide 22½" × 17"	\$	269.00
	CZL-2	2/3"	4:1	15-60 mm	f1.8	391/3"	Tele. 5%" × 4%" Wide 22%" × 17"		219.00
	CZL-3 (Macro)	2/3"	6:1	12.5-75 mm	f1.8	391/3" (Norm.) 1" (Macro)	Tele. 3¾" × 2¾" Wide 22½" × 17"		379.00
	CZL-4	2/3"	8:1	11.5-90 mm	f2.0	431/3"	Tele 3½" × 2½" Wide 26½" × 19¾"		399.00
HEW	CZL-6	1"	6:1	18-108 mm	f1.8	59"	Tele. $7\frac{3}{4}$ " × 6" Wide 39" × 29 $\frac{1}{4}$ "		795.00
	CZL-7	1"	10:1	15-150 mm	f1.8	59"	Tele. $4\%'' \times 32\%''$ Wide $47\%'' \times 35''$	1	,399.00

NOTE: Comprehensive lenses are not compatible with Panasonic, RCA, Magnavox, or Quasar consumer cameras.

# **VIDEO LENSES**

## Fixed Focal Length Lenses =

Although zoom lenses have revolutionized video camera flexibility, there exists certain applications where fixed focal length lenses are required. When your requirements go beyond the focal length of your zoom lens, a specific fixed focal length lens will give the exact results you require. Fixed focal length lenses can also provide special effects such as close up, wide angle, or telephoto—all beyond the capabilities of your zoom lens. Many fixed focal length lenses have a faster f-stop which provide improved low-light capabilities. Each lens has specific application as indicated. All lenses are standard C-mount.



# **Special Application Lenses**

#### Pinhole Lens CFL-10

This unique lens permits viewing a subject through a small inconspicuous hole. Ideal for psychological or scientific experiments where camera presence may disturb the subject, as well as the more obvious surveillance applications.

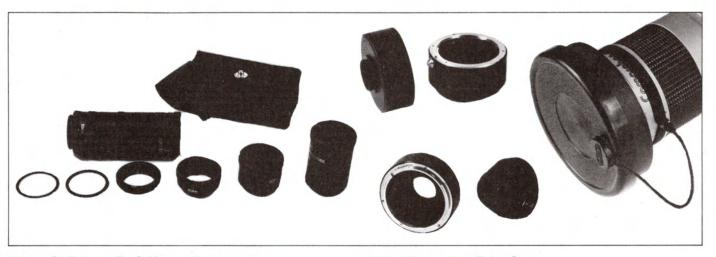
Fisheye Lens CFL-11

Full 180° peripheral view. This lens gives an incredible special effect. Other than surveillance applications (one whole room with a single camera), it can be used to purposely distort an object by "stretching", "shrinking", or "enlarging" the image. Provides a focused image at any distance from close up detail to infinite panoramic views without focusing.

Mirror Lens 500mm Telephoto CFL-12 This super telephoto lens is quite unique. With a relatively small package, you can bring distant objects super-close.

		Focal Length	Speed Features	Field of View at Min. Dist.			
Model No.	Format			Min. Dist. Lens to Object	Object Dim. at Min. Dist.	Application	Price
CFL-1	2/3"	4 mm	f1.4 iris	10"	43¾" × 32¾"	Super wide angle Low light	\$249.00
CFL-2	2/3"	8 mm	f1.3 iris + focus	8"	$9\frac{1}{2}$ " × 7"	Close up Low light	99.00
CFL-3	1"	5.5 mm	f1.5 iris	19½″	48" × 35 <sup>2</sup> / <sub>3</sub> "	Super wide angle Low light	229.00
CFL-4	1"	12.5 mm	f1.3 iris + focus	12"	13" × 10"	Close up Low light	159.00
CFL-5	1"	25 mm	f0.85 iris + focus	191/2"	$9\frac{1}{2}$ " × 7"	Normal Super low light	369.00
CFL-6	1"	135 mm	f1.8 iris + focus	191/2"	$4\%'' \times 3\%''$	Telephoto	389.00
CFL-10	2/3"	9.5 mm	f3.5 iris	31"	$29'' \times 22''$	Pinhole	479.00
CFL-11	1"	5.5 mm	f1.8 iris	192/3"	_	Fish Eye	799.00
CFL-12 ⋈E∜	¥ 1″	500 mm	f3.0 iris + focus	-	_	Telephoto Mirror Lens	799.00





35mm SLR Lens To C-Mount Adapters

Now you can use your collection of 35mm format photography lenses on your video camera. Remember that a 50mm photography lens field of view does not necessarily translate identically to that of a 50mm video lens. Five different adapters are available depending on what photography lens you have.

HEW	Model # CLA-1	35mm format lens Cannon AE+FD	Price \$69.00
442	CLA-2	Minolta	69.00
	CLA-3	Nikon	69.00
	CLA-4	Olympus	69.00
	CLA-5	Pentax-K	69.00

#### Video Extension Tube Set

Vary the focal length of any C-Mount video lens. This unique set of 3 extension tubes (10mm, 20mm, 40mm) can be used in any combination to extend your lens from the camera up to 70mm for a super telephoto effect.

№ CET-3 \$79.00

Lens CapKeeper II

Never worry about your lens cap again. CapKeeper II fits all lens caps and is simple to attach. An adhesive backed disk attaches to the lens cap and the elastic band fits around the lens barrel at any convenient point. Make sure you have a CapKeeper II for each lens.

CK-2 \$2.50

## Professional Lens Care Kit

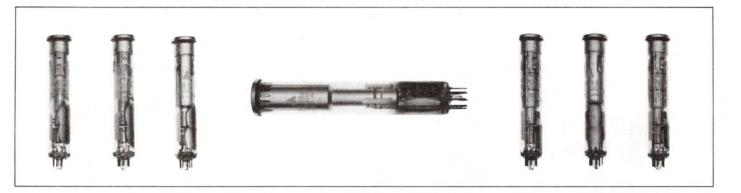
Keep your image free of unwanted specks by cleaning your lens before-hand. This professional Lens Care Kit makes it easy. The kit includes:

- Optic Cleaner—Professional anti-static, anti-fog lens cleaning formula that will not spill or run
- Blower Brush—Gently removes dust and dirt from lens and other surfaces
- Lens Tissue—Super-soft and lint-free
- Lens Care Guide—A basic guide for the care and use of fine optics

LCK-2 \$6.95



# **CAMERA TUBES**



### A tube for every TV camera

- High-quality Vidicons for industrial, broadcast, and special applications
  Ultra-sensitive Newvicons—20 times more sensitive than Vidicons
- Cosvicons—for single-tube color cameras

	Type No.	Application	Features	Tube Size	Replacement Guide	Price
HEW	S4075	Compact TV camera	Ultra-sensitive in visible spectrum, no burning-in	2/3	4833U, XQ1274, 4905	\$419.00
HEW	S4092	Compact TV camera	Ultra-sensitive in visible spectrum, no burning-in	2/3	XQ1275, 4904	469.00
HEW	S4102	Compact TV camera	Ultra-sensitive in visible spectrum, no burning-in	2/3		419.00
HEW	S4113	TV camera for near infrared light	Ultra-high spectral response extended to near infra-red region	2/3		529.00
HEW	S4076	High-resolution TV camera X-ray TV camera	Ultra-sensitive in visible spectrum, High-resolution, no burning-in	1	4532U, XQ1440, 4906	499.00
HEW	S4119	TV camera for near infrared light	Ultra-high spectral response extended to near infrared region	1		619.00
MEW	S4140	LLL TV camera	Extended IR Newvicon	2/3		619.00
	20PE11	Home use TV camera	Compact, lightweight	2/3	XQ1270	49.95
	20PE13A	Compact TV camera	Compact, lightweight	2/3	8823, 8844, XQ1271	49.95
	20PE14	Mini-type TV camera Handheld VTR camera	Compact, lightweight	2/3	8929, 4848, XQ1272	54.95
	S4097	Mini-type TV camera Handheld VTR camera	Standard, lightweight	2/3	20PE19, 20PE20	54.95
	7262A	Standard TV camera	Standard	1	XQ1031, XQ1032	59.95
	7735A	Standard TV camera	Standard	1	XQ1003, XQ1004	59.95
	8541	High-resolution TV camera "Telecine" camera	High-resolution	1	XQ1241	75.95
	S4097A	Mini-type TV camera, Handheld VTR camera	Compact, lightweight	2/3	20PE20	54.95

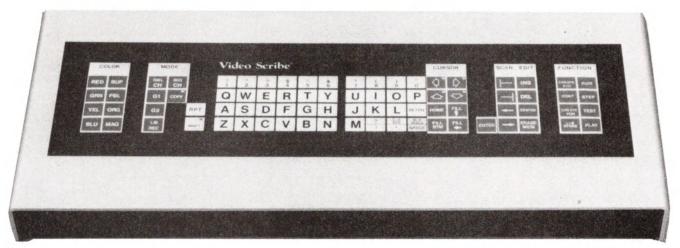
Call our technical service desk for additional information on tubes.

From our file of cross-reference data, we can usually tell you what tube you need for what camera, and can also track down tubes not listed here.



# VIDEO SCRIBE®

### Electronic Color Video Titler



### See color photo on inside back cover.

The amazing Video Scribe® titles in two sizes and eight colors with 80 different graphic elements. It opens an exciting new world of video graphic creativity with the ease of typing

Create effective titles, special effects and graphic animation to enhance your videotape production.

Hotels, Convention Centers, Restaurants and Airports can use the Video Scribe as an attention-getting message board.

Banks, Retail Stores and Supermarkets can create eye-catching colorful in-store display advertising.

#### Specifications:

Cursor Control:

Character Sizes:

Character Elements:

Total of 80 Letters/Numbers/Graphic Elements

Colors:

Eight-Red, Blue, Green, Yellow, Buff, Powder Blue, Orange, Magenta Five Directions-Up, Down, Left, Right,

Centering: Semi-Automatic

Operation: Manual or Programmed

Memories: Four—Graphic Memory, Library Storage

Memory, Program Memory, Pre-

Programmed Memory Graphic Memory Capacity:

Approximately 5 to 15 typical pages depending upon page complexity (10K of

4-bit compressed data)

Video Output: Phono (RCA); 1VP-P

AC Step-down Transformer (supplied). Power:

Add titles and graphics to videotape

Display Information and Messages on CCTV Systems

Attract attention with in-store advertising messages

Create Special Effects—Crawl, Scroll, Scramble

Graphics Animation

Ideal for home or commercial use

Easy To Use-No special training required

#### Functions:

Store and recall frequently used titles, messages, graph-Memory

ics and programmed sequences Electronic

Scroll, bottom to top Crawl, left to right

Animation, of pictures and titles

Select sequence and duration of pictures without auto Program -

repeat

Delete, insert, replace, review picture and sequence Edit

VS-100 \$795.00

### Memory Module

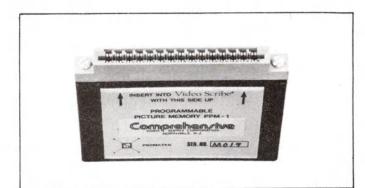
Permits storage of the Video Scribe's memory or transference of the Module's memory to the Video Scribe. Programs run on the Video Scribe may incorporate images stored in both the Scribe and Module

The PPM-1 offers several important advantages:

- 1. Battery powered permanent memory retention. No loss of module memory occurs when Video Scribe power is switched off.
- Double the present memory capacity of the Video Scribe. Modules may be programmed in a central location and distributed



PPM-1 \$99.95



# CAMERA TO VCR ADAPTERS



**Problem:** Your preferred video camera is not compatible with your portable VCR.

**Solution:** Comprehensive's Camera to VCR Adapters will interconnect with most combinations of video cameras and portable VCRs (or AC powered VCRs with camera input).

Use Comprehensive's Camera to VCR Adapters to:

- Keep your video gear from becoming obsolete
- Eliminate the need for costly equipment modification
- Eliminate being locked-in to a specific manufacturer's equipment
- Minimize unnecessary duplication of equipment
- Permit trading up to the latest models
- Eliminate incompatibility with rented or borrowed equipment

Functions are adapted to mate two previously incompatible pieces of portable video equipment. Each adapter feeds: (1) Video from camera to recorder and playback to the camera; (2) Audio from camera to recorder. (3) Remote pause control (trigger) from camera to recorder, and (4) DC power to the camera (except when recorder current output is insufficient to operate specific cameras—adapters provide external DC power inputs for these cameras.)

Rugged professional-grade connectors, cable and strain relief housings are fitted throughout. The convenient belt-clip permits quick mounting to portable VCR shoulder straps.

#### INDUSTRIAL CAMERA-VCR ADAPTER CROSS-REFERENCE CHART

**CAMERAS** 

		<b>Sony</b> DXC1600, 1610	Sony DXC1640	Sony DXC1800	Panasonic WV Series	Hitachi VKC2000, VKC830, VKC850, GP4D, GP41D, GP5A, GP61M, GP8D JVC G71, S100, GZS-3U, GXS-9U
	Sony SLO 340 VO 3800	_	CA-102A (10 pin) \$134.95 CA-102B (14 pin) \$139.95	<b>CA-102B</b> (14 pin) \$139.95	CA-202 \$99.95	CA-302 \$99.95
VCRs	<b>Sony</b> VO 4800, BVU50, 100, 110	CA-101 \$154.95	*· <u>-</u>	_	CA-201 \$134.95	CA-301 \$139.95
	JVC CR4700	CA-101 \$154.95	_	_	CA-201 \$134.95	CA-301 \$139.95
	<b>Panasonic</b> NV8400, 8410, 8420, 9400	CA-103 \$134.95	CA-105A (10 pin) \$144.95	CA-105B* (14 pin) \$154.95	_	CA-303 \$99.95
	JVC CR4400, 4400LU, HR4100, 2200, 2650, HRC-3U, BR6200	CA-104 \$139.95	CA-106A (14 pin) \$149.95	CA-106B* (14 pin) \$159.95	CA-203 \$99.95	_

\*CA-105B and 106B do not supply DC power to the DXC1800 camera. It is necessary to use an external power source (i.e., BP-60 "Piggyback" battery or Comprehensive Ni-Cad power belt). Pause control activated through switch on adapter housing only.



Note: Use CA-201 with WV3110, 3150, 3160 & 3900 only. See color photo on inside back cover.

### CAMERA TO VCR ADAPTERS

#### CONSUMER CAMERA-VCR ADAPTER CROSS-REFERENCE CHART

		C	١N	ΙE	R	A

Magnavox 8244,

8255

Panasonic

PK700, 750, 751, 755, 756, 771, 800, 801, 802,

805, 956,

WV3110, 3150,

3160, WV-3400,

Hitachi VKC1000.

VKC2000.

6AF, 6X1, 12X1 Philco

Quasar VK-725.

VKC830, VKC600, 750, GP4D, GP41D, GP61M, GP5A, GP6M,

**Panasonic** WV3000, 3100. 3200, 3300, 3320,

726, 730, 731 RCA CC003-0153 Sylvania

JVC GX33, 44, 66, 68, 77, 78, GXS9U, GZS3U Hitachi VKC770. 800 (Slip on connector)

S

Sony HVC1000. 2000, 2010, 2200, Hitachi VKC850. JVC S62U,

3800, 3890, 3990 Magnavox 8370, 8371, 8372 Panasonic PV2600. 3000, 3100, 3200, 4100, 4510, 5110, 5200, 5500, NV8400, 8410,

8420, 9400 Philco (all)

Quasar VH-5200,

HRC-3U, HR2200U,

5300, 5410 RCA VDP-150. VCA-101

V-431 \$99.95 V-431 \$99.95 V-441X \$109.95

2400, 2800 S100U, G71 V-431 \$99.95 V-441X \$109.95 V-461 \$109.95 V-461 \$109.95 V-431 \$99.95

V-431 \$99.95 V-441X \$109.95 V-461 \$109.95 V-431 \$99.95 V-431 \$99.95 V-431 \$99.95 V-441X \$109.95 V-461 \$109.95 V-431 \$99.95 V-441X \$109.95 V-461 \$109.95 V-431 \$99.95

VEP-150, VFP170, VGP170 Sylvania (all) V-431 \$99.95 V-441X \$109.95 V-461 \$109.95 V-431 \$99.95 Curtis Mathis (all) V-431 \$99.95 V-441X \$109.95 V-461 \$109.95 V-431 \$99.95 JVC CR4400U, V-4213 \$99.95 V-4213 \$99.95 V-442X \$89.95 V-462 \$109.95

2650U, 4100U, BR6200U Hitachi VT-6500A. V-422 \$99.95 V-422 \$99.95 V-4324 \$79.95 V-463 \$109.95 VT-7000, VT-7500 (Slip on

connector) Hitachi VT66P. V-422X \$109.95 V-422X \$109.95 V-432X4 \$89.95 V-463X \$119.95 V-432X4 \$89.95 VT68P (Thread Ring connector)

Akai VP7300V. V-423 \$99.95 V-423 \$99.95 V-433 \$79.95 V-443X \$89.95 V-464 \$109.95 V-433 \$79.95 VP7350V V-4341 \$149.95 Sony SL20001 V-4241 \$149.95 V-424A2 \$149.95 V-434A2 \$149.95 V-444A \$159.95 Zenith VR9800 V-4241 \$149.95 V-424A2 \$149.95 V-434A2 \$149.95 V-444A \$159.95 V-4341 \$149.95 1Sony SL2000 and Zenith VR-9800 do not supply sufficient current to power many cameras. These adapters require external power (battery pack)

to the camera—use CB-122K battery kit or other 12V power supply (see Comprehensive Power Belts, pages 47, 48). 2If your camera draws less than .75 amps or 9 watts (check camera specification sheet) you may use the V-424A or V-434A adapter. These adapters allow powering of the camera directly from the VCR.

3RCA models CC010 thru 015 do not need adapter for use with JVC VCRs.

4Hitachi models do not need adapters.

—Not available.

Battery Kit (for use with V-424, 434, 444, Camera To VCR Adapters) -12 Volt Battery in case with charger \$59.95

5 lbs. 8 oz. 5" × 3" × 91/2" CB-122--Battery Only

\$49.95

### **IDEO ELECTRONICS**

The Tweaker ==





The **Tweaker** is a moderately priced, easy-to-use test instrument that, in concert with a monitor, combines the monitoring, testing and alignment capability needed to optimize any video recording/playback system. The Tweaker can in many instances, eliminate the need for expensive auxiliary equipment (oscilloscopes, waveform monitors, test sets, etc.). It also features a 1-in, 4-out video distribution amplifier.

## WAVEFORM SAMPLER - REFERENCE BLACK LINE **PULSE CROSS** DISPLAY

#### Waveform Sampler

A waveform sampler allows you to measure the composite video signal and to adjust your camera and video equipment operating controls for the best quality signal. It monitors video functions such as amplitude, pedestal level, excessive white peak clipping and 60 cycle noise. Video level is sampled instantaneously once per horizontal line and displayed as the horizontal displacement of a vertical white stripe which is needed to the display video outputs. Two additional vertical stripes act as a calibrated graticule, representing pedestal level and peak white level. They are factory set for a one volt signal but may be recalibrated by internal trimpots.

#### **Pulse Cross Display**

The pulse-cross display repositions the monitor picture to make the sync and blanking pulses visible, enabling adjustment of your recorder's tension, skew, and tracking for optimum performance. It displays serration, equalizing and blanking pulse timing. Vertical interval test signals (VITS) and VTR/VCR head switching transients may also be monitored. Editing VTRs/VCRs can be tested for tape tension, servo lock and proper sync. Ideal for checking edits before dubbing and distribution, or to predetermine timing for instant glich-free gen-lock and VTR/VCR lockup.

Since the color burst is displaced in pulse cross operation, color sync will be lost on the display outputs only. In all other modes, broadcast color specifications are met.

#### Specifications:

Inputs: 2 looping or switch-selectable, 75 ohm

termination, UHF connectors.

Display Outputs: 2; 75 ohm source terminated UHF con-

nectors

Distribution Outputs: 4; isolated 75 ohm source terminated

Better than 1° and 1% at 3.58 MHz

Better than 30dB at 3.58 MHz

**UHF** connectors

Frequency Response: 10 MHz ± 1dB Differential Phase

Power:

and Gain: Output Isolation:

> 115 VAC 50/60 Hz 4 W 3 wire power cord

Dimensions: 9" W × 10" D × 31/2" H

Weight: 8 lbs.

TWK \$495.00



Input Impedance:

Gain:

Frequency Response: Low Frequency Tilt:

Input:

Output: Output Impedance:

Output Level:

Power: Dimensions: Weight:

15K ohm Hi-Z, 75 ohm low-Z Variable -3db to +6 db

To 15MHz ±1dB

Less than 3% on 60 cycle square wave 2 inputs for loop thru capability,

**BNC** connectors

4 outputs, BNC connectors

75 ohm source terminated at output Adjustable 2V p/p max. all outputs ter-

minated

117V AC 3 watts 5" H × 63/4" W × 17/8" D

13/4 lbs.

CVA2B-4 \$175.00



See color photo on back cover.

#### Passive Video Switchers

#### Versatile Switchers You Can Depend On

Comprehensive's passive video switchers with audio pass-along offer a fast simple way to interconnect video and audio equipment. Pushbuttons select the input and automatically terminate the other video inputs, for constant impedance.

- Simultaneous audio and video switching
- Mechanically interlocked pushbuttons
- Low-loss passive operation
- Video inputs internally terminated
- Video inputs and outputs -75 ohms, BNC connectors
- Audio inputs and outputs—Phono (RCA) connectors
- Attractive desk top consolette with oak end-panels
- 21/2" H × 81/4" W × 61/2" D

CPS-4A 4 Pair Video with Audio pass-along NEW CPS-8A 8 Pair Video with Audio pass-along

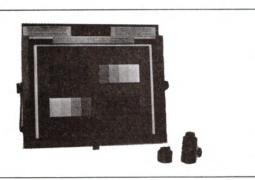
Price \$129.00 \$179.00





## PORTA-PATTERN Broadcast Quality Test Pattern Charts and Slides

Test Pattern Systems



#### Porta-Pattern Test Chart System

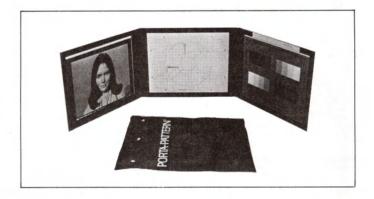
The professional way to assess video signal quality throughout the entire system (from camera to monitor). Consists of four precision 9 × 12 in. test charts, framed and recessed on high-impact acrylic plastic, self-standing lightweight extruded aluminum chart holder with alignment controls and integral spirit level. May also be used on microphone or light-stand (adapters included). Charts include one each of standard resolution, registration, linearity and logarithmic reflectance charts (the last, featuring a 9-step grey scale made with flow-deposited paint chips conforming to the 2.5 power law).

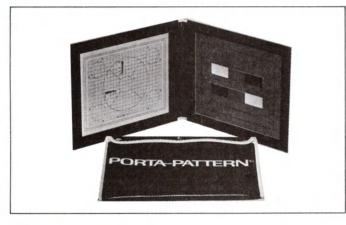
001-13 \$335.00

Porta-Pattern Field Production Chart System

Consists of one black and white geometric test pattern, one 9-step Log Chip Chart, and one BBC #61P Flesh Tone Reference, including vinyl case.

014-12 \$260.00





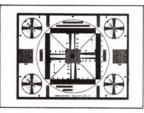
**Porta-Pattern ENG Chart System**Provides basic alignment, registration, color balance and autowhite balance information for fast ENG or location set-ups. Consists of a Registration Chart and specially designed Color Balance Chart, mounted on durable white acrylic plastic. The Color Balance Chart contains logarithmic grey scale information to set black level, gain, gamma and black and white clip. Supplied with an expanded vinyl nylon coated storage case for protection.

Porta-Pattern Test Slide System (not shown)

Containing six different geometric slides plus one color bar and one color flesh tone slide. Total of eight 2" × 2" slides plus storage case.

002-10P \$175.00

#### Charts and Slides =

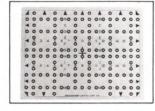


#### Resolution Chart

Designed as a standard reference for measuring resolution of television cameras. Chart is a precisely engineered aid for testing camera streaking, ringing, interlace, scan linearity and aspect ratio.

001-24 Chart \$70.00

MEW 002-24P Slide \$15.00



#### **Linearity Chart**

Designed to provide a standard, precise method of measuring and adjusting television camera scanning linearity. Chart is used in conjunction with a suitable electronically generated grating signal.

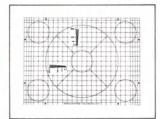
001-25 Chart \$70.00

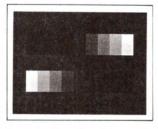
002-25P Slide \$15.00 MEW



Designed to adjust and check cameras for optical, mechanical and electrical registration. Chart uses a ruled grid pattern to aid in adjusting scan height, width, rotation, skew, centering and linearity in each channel.

001-26 Chart \$70.00 №EW 002-26P Slide \$15.00





9-Step Log Chip Chart

9 grey steps using flow deposit paint chips conforming to 2.5 power law. Generates a staircase signal in a series of uniform changes in signal amplitude progressing from white to black. Used for checking and measuring differential gain and phase.

HEW

001-27 Chart \$100.00 002-27 Slide \$115.00

**BBC #61P Flesh Tone Reference Chart** 

Developed by the BBC to provide a standard color reference for matching and evaluating cameras after normal grey scale set-up. Recent technical advances in electronic color separation and quality control have made possible a Color Flesh Tone Chart where spectral characteristics can be referenced and assured. Advanced high-quality printing techniques insure long-lasting chromaticity of this chart.

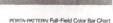


₩EW 002-36 Slide Full Field Color Bar Chart

Provides a subjective reference of defined areas of color information closely approximating that of a color bar generator. Consists of the three primary colors and the three secondary colors plus a black and a white reference. Chart allows the examination of one or more color cameras on a system basis and comparison of color signal sources. Note: Not recommended for use in encoder set-up or evaluation of transmission systems.

HEW

001-43 Chart \$140.00 002-43 Slide \$55.00



Multi-Burst Chart

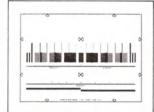
001-36 Chart \$140.00

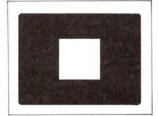
\$55.00

Provides accurate multi-burst information for testing and adjusting camera system response. This chart, with a dual range of 0.5 MHz to 4.0 MHz or 1.0 MHz to 8 MHz, will provide a multi-burst waveform comparable to most multi-burst generators.

NEW

001-32 Chart \$70.00 002-32P Slide \$15.00





Window Chart

A solid black background with a flat white center mounted chip. Designed to assist in setting black and white clipper adjustments, long and short term streaking adjustments and measurement of low frequency tilt in camera systems.

HEW

001-33 Chart \$70.00 002-33 Slide \$15.00

16mm BBC #61P Type Color Flesh Tone Reference Film (not shown)

The Porta-Pattern 16mm Color Flesh Tone Reference Film contains the BBC #61P image for subjective evaluation of 16mm Color Telecine systems. Color Reference Film has been designed to be compatible with the other Porta-Pattern subjective reference media, to provide evaluation and matching between live cameras and slide and film telecine. Provided as a 10-foot loop, unlimited running time is available for systems evaluation.

Porta-Pattern Carrying Case

Vinyl-coated nylon carrying case will hold two complete Porta-Pattern systems with all adapters. Unit has dividers to protect charts from abrasion. Ideal for field engineers who wish to carry Porta-Patterns from one location to another via public transportation or for storage in mobile units.

001-50 \$80.00

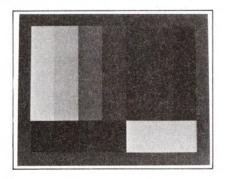


005-12 \$85.00



### TEST CHARTS AND SLIDES

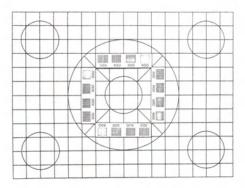
Economical way to assess camera set-up, systems matching, and various other video adjustments. Ideal for Industrial/Educational video applications. Charts are hand mounted on durable 1/4" foam core with matte border.



#### **Color Bars**

Economical alternative to NTSC color bar pattern generator. Chart is ideal for camera set-ups and adding test reference signals to tape

es.			
	CBC-1	Location Color Bar Chart	\$32.95
	CBC-2	Studio Color Bar Chart	49.95
ME	V CBS-1	Color Bar Slide	9.95



#### Registration Pattern

For adjustment of optical, mechanical, and electronic registration.



RPC-2 RPS-1

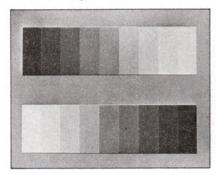
Location Registration Chart Studio Registration Chart

Registration Slide

49.95 9.95

Location charts—8" × 101/2" Studio charts—16" × 21"

Slides are custom mounted in durable plastic for film-chain camera adjustment.



#### Grey Scale—Ascending/Descending

GSC-2

GSS-1

Nine step ascending/descending grey scale chart designed for adjustment of contrast and color. Generates a staircase signal when viewed on test scope.



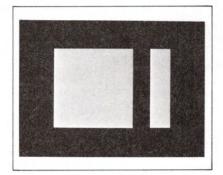
GSC-1 Chart

Location Grey Scale

\$32.95 Studio Grey Scale Chart Grey Scale Slide

49.95

9.95



#### Window With Pulse Bar Pattern

For adjustment of streaking and high and low frequency tilt and phase distortion.



WPC-2 WPS-1

Location Window Chart Studio Window Chart

49.95 Window Slide 9.95

\$32.95

#### Test Pattern Systems =

#### Portable Location Test Pattern Chart Set

Four 8" × 101/2" location test charts (color bar, grey scale, registration and window) in a convenient carry-along pouch.

LTPC-4 \$119.95

#### Studio Test Pattern Chart Set

Four 16" × 21" in studio test charts (color bar, grey scale, registration and window).

STPC-4 \$179.00

#### Test Pattern Slide Set

Four test slides (color bar, grey scale, registration and window) each in protective slide storage holder.

TPS-4 \$34.95





SUPPLY CORPORATION

See color photo on back cover.

**Test Meters** 

#### Volt/Ohm Meter

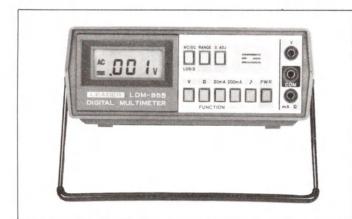
Economical with high-level of accuracy, readability and dependability.

- 10 ohm mid-scale ohms range
- 20,000 ohms/volt DC
- Fuse protected ohms range
- 16 ranges on easy-to-read scale
- ±3% accuracy

10 ohm mid-scale range allows accurate testing of coil and motor windings. Measures leakage resistance up to 1M ohm. 2.5V full-scale and 250mV ranges are provided for accurate low-voltage measurement. Test leads and detailed instructions included.

111 VOM \$44.95





Leader 3½ Digit/Digital Multimeter

General purpose unit with automatic ranging, semi-automatic zeroing and large LCD display. Audible tone is sounded when meter senses a short. Includes auto polarity indicator, AC/DC current measurement functions and low battery warning. Two type "C" battery cells supplied.

#### Specifications:

DCV: 0.1 mV-1000 V ACV: 1 mV - 1000 V

Resistance: 0.1 ohm - 2000K ohm

Basic DC Accuracy ± 1%, AC Accuracy ± 1.3% Overload Protection AC/DC: 3A/250 Vrms or 250 VDC

LDM 855 \$185.00

#### Leader Frequency Counters

Accurate reliable frequency and period measurements. Large fluorescent displays are particularly well-suited to production testing and other applications where a large, bright readout is essential. Units housed in well-shielded metal cases which protect against radiation from nearby RF fields.

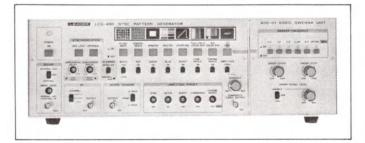
HEW

MEW

LDC-822 LDC-823S LDC-824S 250 MHz 520 MHz Frequency Range 80 MHz 20mV up to 100 MHz, Sensitivity 50mV above 100 MHz Temperature Stability (0-40°C) 5 ppm 1 ppm 1 ppm \$550.00 Price \$320.00 \$450.00



#### Video Test Instruments





provided with full range of video signals necessary for testing and adjusting monitors, cameras, VTRs and the overall performance of color video systems. Will sync with all standard com-

Leader NTSC Video Sync/Test Generators Available with either multiburst (LCG-400M) or sweep-marker (LCG-400S) generators. Gen-lock and internal synchronization

posite video signals including those from quad head and helical scan VTRs. Patterns include EIA and full field color bars, 5-step stair case, 8 color raster, cross hatch and dot convergence, circle and corner marker with on/off control of chroma and luminance. Both interlaced and progressive scanning are provided. Outputs include composite video, composite sync., composite blanking, burst flag, subcarrier, black burst vertical and horizontal drive and CH 5/6 RF. Units are supplied for either bench-top or rack-mounting.

LCG-400M LCG-400S

(Multiburst) (Sweep-Maker)

\$1,990.00 \$1,990.00

Leader NTSC Video Pattern Generator

Versatile NTSC video generator for testing, servicing and evaluation of a broad range of video systems (video recorders, CATV/MATV systems, video monitors/receivers). Provides 11 test patterns including: standard NTSC color bars for measuring and adjusting color purity; white balance; luminance; chromanance; and convergence. Outputs for composite video, H or V scope trigger, sub-carrier and RF (CH.5 or 6). Also features variable chroma, luminance and set-up levels, and selectable interlaced or progressive scanning. Supplied with manual detailed application data.

LCG-396 \$995.00



Leader Portable Color Generator/Analyzer

Provides 18 crystal controlled test patterns for virtually all color and monochrome picture adjustments for video monitors/receivers. Composite video, IF and RF signal-injection outputs are provided. Separate trigger output simplifies obtaining stable oscilloscope displays at both line and field rates. Front panel control for adjusting colorburst level permits rapid checking and adjustment of AFPC and color killer circuits. Powered by 4 "C" batteries or optional AC adapter.

LCG-397 \$240.00

LPS-166F AC Adapter

\$8.00

#### Video Signal Instruments



Leader All-Channel Sweep/Marker Generator

Complete test and alignment instrument for the RF and IF tuned circuits of VHF, UHF and FM. Provides swept frequency outputs for all VHF/UHF channels, IF and video stages, and FM/RF/IF frequencies. Features three bias supplies, selectable marker tilt (vertical and horizontal), and vertical and horizontal polarity re-

MEW LSW-333 \$775.00

#### Video Signal Instruments (contd.)

Leader Portable VHF-TV Signal Source

Source of calibrated test signals for injection into MATV/CATV systems. Used in conjunction with the LFC-944B VHF/UHF Field Strength Meter. Permits accurate quantitive measurements of cable losses, amplifier gain, and overall system gain/loss.

Provides calibrated test signals on channels 2, 3, 12 and 13 from 0 to 40 dB<sub>mv</sub>

in 10 dB steps. Powered by 8 "AA" batteries.

LCC-138 \$244.00

Leader Portable C/MATV Field Strength Meter

Designed for testing and measuring the performance of CATV/MATV systems. Provides measuring levels of -40 to +60 dB<sub>mv</sub> on VHF channels and -30 to +40 dB<sub>mv</sub> on UHF channels. Meter scale calibrated in microvolts. Attenuator provides up to 70 dB attenuation in 10 dB steps. Accurate detent tuning is provided for VHF channels. UHF tuning with a continuous control. Supplied with sturdy carrying case. Powered by 9 "C" batteries.

LFC-944B \$525.00





#### **Vector Scopes, Waveform Monitors**

LVS-5850

LBO-5860

Shown with LRA-5850 Rackmount Kit.

\$180.00 LRA-5850 Rackmount Kit for LVS-5850 and LBO-5860 Height 51/4"

#### Leader Vector Scope

Displays CRT error limits

Standard half rack configuration

• Accuracy ± 2° phase, ± 3% amplitude Improves the accuracy of phase/amplitude adjustments. Measures and observes relative phase and amplitude of chrominance signal components. Electronically displays the "inner boxes" representing error limits of  $\pm 2^{\circ}$ ,  $5^{\circ}$  and  $\pm 2.5$  IRE. Display rotates a full 360°

Features: 2 selectable loop-through inputs; test circle patterns; 100% or 75% saturation levels; calibrated gain controls.

HEW

LVS-5850 \$2,050.00

#### Leader Waveform Monitor

The LBO-5860 is a 1/2 rack-mountable Waveform Monitor. The unit incorporates a "Line Selector" function which will display the Vertical Interval Test & Reference Signals by selecting lines 14 through 21 on first or second fields. A blanking output to blank the companion vectorscope during the active portion of the video signal so that the VITS can also be displayed vectorially. It features total RGB/YRGB capability (YRGB is optional), and a bright 5.5 inch CRT with 7 kV of accelerating potential. Horizontal sweep speeds of 2 H (2 line), 1 µS/div (expanded 2 line), 2 V (2 fields) and 2 V MAG (expanded 2 fields) are standard. It is also equipped with DC Restoration and 1 Volt and 4 Volt full scale calibrated deflection factors.

LBO-5860 \$2,050.00

#### Hitachi Wave Form Monitor

Rack-mountable (3 units will fit side by side in standard 19" rack). Features a bright 31/2" rectangular CRT. May be operated on AC, with optional battery pack or from an external DC source.

#### Specifications:

#### Vertical Deflection:

1V or 4V full scale

Responses-Flat, IRE and 3.58 MHz Band Pass

Maximum input level ± 5 VDC

Input impedance 1V full scale 15 K ohm

4V full scale 60 K ohm

#### Video Output:

Frequency response 25 Hz to 5 MHz within ±8% output impedance 75 ohm ± 10% DC level on output

#### **Horizontal Deflection:**

2V Sweep; 2V Mag Sweep; 2H Sweep; 1u/Division Sweep/DC Restoration; Frequency and Amplitude Calibration; External Sync



V-099 RM-099 AD-099

Wave Form Monitor \$1,350.00 Rack-Mount Set Battery Pack

200.00 250.00



#### Oscilloscopes ====



#### Leader 50 MHz Delayed Time Base Oscilloscope

High-performance Oscilloscope offering more waveform display and measurement capabilities than any other instrument in its price range. Simultaneously displays main and delayed time bases, two auxiliary/trigger view channels, alternate triggering for stable displays of asynchroneous signals and 20 kV accelerating potential for bright sharp traces at all sweep speeds up to 5 nS/cm.

#### Vertical Deflection

Bandwidth: 50 MHz

Deflection Coefficients: 5 mV/cm to 5 V/cm in 10 steps, ×5 multiplier provides 1 mV/cm sensitivity up to 10 MHz

Accuracy: ±3%

Signal Delay: Leading edge can be observed

Display Modes: CH-1, CH-2, alternate chop, add subtract (CH-2 invert),

Output: CH-1 output on rear panel of 0.1 V/cm deflection.

#### Horizontal Deflection

Display Modes: Main time base, main time base intensified by delayed time base, alternate main and delayed time base, delayed time base. Main Time Base: 0.05 us/cm to 0.5 s/cm in 22 steps

Delayed Time Base: 0.05 us/cm to 0.1 s/cm in 20 steps Magnifier: 10 X magnifier extends maximum sweep rate to 5 ns/cm.

Accuracy: ±3%

#### Main Time Base Triggering (CH-3)

Sources: Internal CH-1, CH-2, Alt., Line. Coupling: ac, dc, IF reject, HF reject, TV vertical, TV horizontal. Sensitivity: 1.5 cm (.5 cm, 30 Hz-10 MHz)

Hold-off: Variable sweep hold-off control with B-ends-A switch.

#### Z-Axis (Intensity) Modulation

Input level: TTL compatible, DC coupled. CRT Display:  $8\times10$  cm internal graticule, 20 kV accelerating potential. Dimensions: 61/4" H  $\times$  111/4" W  $\times$  143/4" D (150  $\times$  290  $\times$  375 mm). Weight: 25.5 lbs. (11.5 kg.)

Supplied Accessories: Instruction manual. Two LP-011 X10 probes.

> HEW LBO-517 \$1,695.00

Accessories:

LP-2010 Probe Pouch \$35.00 LC-2009 Protective Front Cover 50.00 LRA-517 Rack-Mounting Adapter 85.00



#### Leader 35-MHz Dual Time Base Oscilloscope

Suitable for a broad range of applications in design, testing and servicing of digital/analog circuits and equipment. With 0.5 millivolt sensitivity, extremely low level signals can easily be observed. The channel 1 output (rear panel) drives other less sensitive instruments such as a frequency counter with a 500 microvolt input level. The dual time base permits accurate observation and time interval measurements of complex waveforms.

#### Vertical Deflection

Bandwidth: 35 MHz

Deflection Coefficients: 5 mV/cm to 5 V/cm in 10 steps

Accuracy: ±3%

Signal Delay: 140 ns

Display Modes: CH-1, CH-2, alternate, chop, add, subtract (CH-2 invert).

#### Internal Horizontal Deflection

Display Modes: Main time base, main time base intensified by delayed time base, delayed time base, delayed time base triggered. Main time base: 0.2 us/div to 0.2 s/div in 19 steps.

Delayed time base: 0.2 us/div to 0.5 ms/div in 11 steps.

Magnifier: 10X magnifier extends maximum sweep rate to 20 ns/div. Accuracy: ±3% (±5% with magnifier).

#### Main Time Base Triggering

Sources: Internal CH-1 and CH-2, Alternate, Line External.

Modes: Auto/Normal.

Coupling: ac, HF rej. TV-V, TV-H

Sensitivity: Norm or Auto: 30 Hz-10 MHz/0.5 div (internal)/0.2 Vp-p (exter-

Norm: 2 Hz-35 MHz/1.5 div (internal)/0.6 Vp-p (external) Auto: 30 Hz-35 MHz/1.5 div (internal)/0.6 Vp-p (external)

Hold-off: Variable sweep hold-off control permits stable triggering on complex waveforms

#### Z-Axis (Intensity) Modulation

Input level: TTL compatible.

CRT Display: Illuminated 8  $\times$  10 div (1 div = 1.0 cm), internal graticule accelerating potentials 7KV and 2KV (post deflection). Dimensions: 61/2'' H  $\times$  113/4" W  $\times$  143/4" D (160  $\times$  290  $\times$  375 mm).

Weight: 16.5 lbs.

LBO-524 \$995.00

Supplied Accessories: Instruction Manual. Two LP-16AX switchable X1/X10 Probes.

Accessories:

LP-2013 Probe Pouch \$25.00 LC-2014 Protective Front Cover \$40.00 LH-2015 Viewing Hood \$10.00 LRA-508 Rack Mount Adapter \$85.00



Oscilloscopes

Hitachi Battery Operated 7 MHz Scope

Combines a video waveform monitor and a single trace 7 MHz portable oscilloscope in a small, lightweight body (6.4 lbs.) Features: keyed DC restorer; TV Sync-separator with automatic LINE/FIELD rate triggering selection by Time/div control; and AC, DC or rechargeable battery powering capability. Ideal for video equipment servicing applications and for monitoring waveforms in electronic field production. 10mv/div deflection factor at 2 MHz bandwidth. 3½ inch, 8 × 10 div rectangular internal graticule CRT assures accurate and easy measurements. Battery protection circuit. Includes AD-058D 3 hour battery pack, external graticule probe with case and attachments, cover, viewing hood, screw driver and manual.

V-059B \$1,119.00



#### **Audio Test Instruments**

Leader Audio Analyzer

Complete, all-in-one audio test center. Widely used in sound engineering, hi-fi equipment testing/repair, recording studios, and production-line testing. Combines oscilloscope, audio oscillator, ac millivolt meter, and wow/flutter/drift meter. The dc to 5 MHz, 10 mV oscilloscope has selectable input attenuation and sweep frequencies. The 10 Hz to 100 KHz audio generator features a 0 to 101 dB calibrated output attenuator with 0.1 dB steps and ±2% accuracy. Distortion is less than 0.05%. The ac millivolt meter has 12 ranges from 30 u V to 100 Vrms with 3% full accuracy and a 5 Hz to 500 kHz frequency response. Wow and flutter measurements are made to CCIR, DIN and JIS standards with ±5% accuracy. Dift measurements are accurate within ±5%.

MEW

LAS-5500 \$1,995.00





Leader Audio Sine/Square Wave Generators

10 Hz to 1 MHz precision audio generators. Ideal for designing, testing and servicing amplifiers, loudspeakers, or applications requiring low distortion sine waves or fast rise-time square waves. Five frequency ranges with  $\pm 3\%$  dial accuracy above 100 Hz. 50 dB  $\pm 1\%$  output attenuator selectable in 10 dB increments with continuous fine adjustment. Sine wave distortion



0.03% between 500Hz and 20KHz; less than 1% over the full frequency range. Square wave rise time: less than 150 ns (LAG-125); less than 200 ns (LAG-120A). The LAG-125 also has an output level meter and a burst signal that is gated for loud-speaker testing.

MEW

LAG-120 A LAG-125

\$295.00 \$550.00



### PHILIPS TEST EQUIPMENT

#### Professional Video Test and Measuring Instruments =

World-famous Philips Professional Video Test Equipment is available exclusively from Comprehensive. A full range of FCC approved test equipment is available to broadcast and professional users. Supplied in NTSC standard. (PAL and SECAM versions available on request, contact our technical service department for additional information.)



#### TV Signal Generator

Multi-signal generator that produces the most commonly used video signals.

- Complete color Sync Pulse Generator
- Gen-Locks to external TV signal
- High Stability
- Flat-field signal for color temperature analysis of receivers and monitors
- Conforms to broadcast requirements

PM5533 \$6,000.00



#### Vector Scope

For color set-up and testing.

- Internal graticule eliminates parallax errors
- Two inputs with nominal sensitivity for 75% and 100% contrast color bars
- Input for external synchronization, either continuous color subcarrier or composite color signal
- Accurate and stable display
- Fits in any half 19" rack configuration
- Compliments the PM5565 wave form monitor

#### PM5567 \$2,700.00

#### Waveform Monitor

Precision Oscilloscope designed specifically for video equip-

- Probe input at front works with standard Oscilloscope probes
- Six calibrated timebase positions
- Internal graticule eliminates parallax errors
- External synchronization with composite video signals, also with sound-in-syncs.
- Very fast retrace allows more details to be seen
- Both sync tip and back porch clamping possible with selectable fast and slow time constants
- Compliments the PM5567 Vector Scope

PM5565 \$2,175.00



#### Color Pattern Generator

Finest available for precise measurement and alignment work on video equipment. Portable, compact and versatile.

• Full RF coverage—TVIF, Band 1-111-IV and V

- Electronic tuning and choice of six preset channels
- Synchronization according to TV standard, also obtainable as composite and frame sync
- Adjustable video, calibrated chrome/brust and variable RF amplitude
- Internal/external video and sound modulation
- More than 20 patterns on six channel frequencies
- RF, video and trigger output are superior to any other portable generators

PM5519 \$1,695.00



#### Color Analyzer

For measurement and adjustment of the "color" white on color TV sets and monitors

- Solves the problem of "objective setting" of color monitors
- High sensitivity allows accurate setting of white at both low and high luminance levels
- Quick accurate reading of the color levels and balance
- Selectable at different color temperatures
- Optional battery for portable use

PM5539 \$3,995.00

NOTE: Please contact Technical Service Department for further specification and application data.







#### **Digital Timer**

Economical way to record off-the-air programming automatically

or closed-circuit material without an operator.
The ADT-5 can turn recorder off, on, and turn it off again. It can also be used as an alarm clock.

The timer has two outlets (400 watts and 1200 watts), sufficient to accommodate VCRs or TVs.

Power Supply: AC 120V, 60 Hz

Power Capacity: 1200 W

Dimensions: 31/8" H × 7" W × 51/4" D

Weight: 2. lbs., 6 oz.

ADT-5 \$69.95

#### **Hour Meter**

Ideal for measuring usage rates and determining preventative maintenance schedules for VTRs and consoles.

Unit incorporates a built-in synchronous motor and is extremely reliable. Operates on standard 120 volts and consumes negligible power (22mA). Easy to hook-up. Measures only 1" H × 2" W ×

HM-2 \$24.95

#### **Digital Clock**

Time is a critical element in video production. This sleek digital clock needs very little space but features large numerals that change instantly and silently. Clock face is raised to an easy time-reading angle. Precision synchronous motor assures accurate, trouble-free performance. White. 234" H  $\times$  5½" W  $\times$  3½" D.

225 \$14.95



### DUST COVERS

#### Comprehensive Universal Dust Cover



Your VCR represents a long term investment that should be protected. Dust results in poor performance. Our answer is the Comprehensive VCR Dust Cover. Each is custom fitted to fit VHS, Beta or U-Matic video cassette recorder.

#### One Size Fits All Beta or VHS VCRs

- Protects against dust and damage
- Digital display readily visible through clear vinyl window
   Well made of durable walnut finish vinyl
- Cushion lined
- · Heavily stitched, vinyl welting

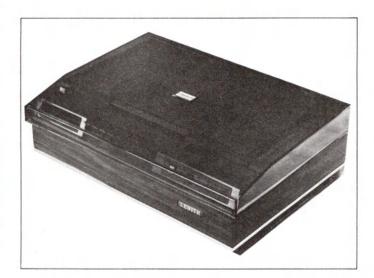
MEW DC-U \$19.95 ea.

#### Now Available For U-Matic VCR's

Same quality construction without vinyl window. Keeps dust and unwanted foreign objects out of expensive video equipment. One size fits all U-Matic VCR's.

> DC-UM \$24.95

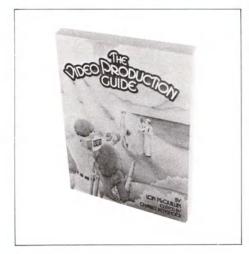
#### Plexi Cover



#### The stylish Comprehensive rigid dust cover!

This rigid plexi dust cover has all the advantages of our soft cover, allows for complete visibility and add a classic look to your home entertainment center. Made of heavy duty grey smoked plastic, the Plexicover comes with self adhesive foam pads to protect your VCR from scratches. Two attractive models are available to fit your specific VHS or Beta VCR.

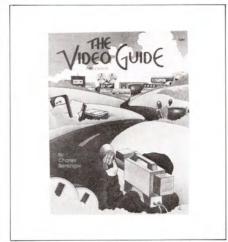
Model No.		Price
CV-1PC	Designed for VCR's with sloping console fronts. Inside dimensions $19'' \times 131/2'' \times 11/9''$	\$21.95
CV-2PC	Designed for VCR's with squared console fronts. Inside dimensions 19" × 13½" × 11½"	\$21.95





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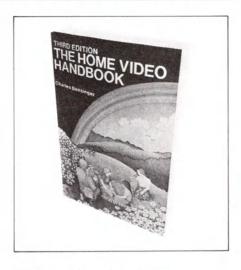
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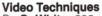
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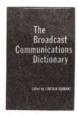


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VR8330BK02		VCR58
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PV1100		VCR14
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PV1600	 	VCR36
PV1650		VCR53
PV1750	 	VCR60
PV1270		VCR67
PV1470	 	VCR68
Philco	 	
V1300		VCR39
V1500	 	VCR45
V1011		VCR67
V1551	 	VCR68
Quasar	 	
VH5000		VCR8
VH5010	 	VCR20
VH5040SW		VCR56
VH5100QW		VCR22
VH5155RW	 	VCR46
VH5040SW		VCR61
VH5030SW	 	VCR65
VH5011TW	 	VCR67
VH5310TW		VCR68

RCA
VDT201
VDT350
VDT501VCR28
VDT555
VDT600
VDT625
VET180
VET250VCR57
VET253
VET450
VFT190
VFT193
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VFT456
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VCR5000VCR40
VTC9100A VCR50
Sears
564.53030700
564.53040700
564.53050800
564.53060900 VCR37
Sharp
Sharp         VC6800         .VCR52
Sharp         VC6800         .VCR52           Sony         .VCR52
Sharp         VC6800         .VCR52           Sony         SL7200,A         .VCR1
Sharp       VC6800       .VCR52         Sony       SL7200,A       .VCR1         SL8200       .VCR7
Sharp       VC6800       .VCR52         Sony       SL7200,A       .VCR1         SL8200       .VCR7       SL8600       .VCR10
Sharp       VC6800       .VCR52         Sony       SL7200,A       .VCR1         SL8200       .VCR7       SL8600       .VCR10         SL5800       .VCR62
Sharp       VC6800       .VCR52         Sony       .VCR1         SL8200       .VCR1         SL8600       .VCR10         SL5800       .VCR62         Sylvania
Sharp       VC6800       VCR52         Sony       SL7200,A       VCR1         SL8200       VCR7       SL8600       VCR10         SL5800       VCR62         Sylvania       VC2700       VCR30
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Sharp       VC6800       .VCR52         Sony       .VCR1         SL8200       .VCR7         SL8600       .VCR10         SL5800       .VCR62         Sylvania       .VCR30         VC2700       .VCR30         VC3000       .VCR30         VC2210       .VCR67
Sharp       VC6800       .VCR52         Sony       .VCR1         SL7200,A       .VCR1         SL8200       .VCR10         SL5800       .VCR10         Sylvania       .VC2700         VC3000       .VCR30         VC2210       .VCR60         VC3110       .VCR60
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Sharp       VC6800       VCR52         Sony       SL7200,A       VCR1         SL8200       VCR7         SL8600       VCR10         SL5800       VCR62         Sylvania       VC2700         VC3000       VCR30         VC2210       VCR67         VC3110       VCR68         Toshiba       VS310C         VC830       VCR32
Sharp         VC6800         .VCR52           Sony         .VCR1         .VCR1           SL8200         .VCR7         .VCR10           SL8600         .VCR10         .VCR62           Sylvania         .VC2700         .VCR30           VC2700         .VCR30         .VCR30           VC2210         .VCR67         .VCR67           VS3110         .VCR66           V5310C         .VCR32           V5310T         .VCR32
Sharp       VC6800       .VCR52         Sony       .VCR1         SL7200,A       .VCR1         SL8200       .VCR7         SL8600       .VCR10         Sylvania       .VCR30         VC2700       .VCR30         VC3000       .VCR30         VC210       .VCR66         VS3110       .VCR66         V5310C       .VCR32         V5310T       .VCR32         V5420C,T,U       .VCR59
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Sharp       VC6800       VCR52         Sony       SL7200,A       VCR1         SL8200       VCR7       SL8600       VCR10         SL5800       VCR62         Sylvania       VC2700       VCR30         VC2210       VCR67         VC3110       VCR67         V5310C       VCR32         V5310T       VCR32         V5420C,T,U       VCR59         Zenith       JR9000P,W         JR9000P,W       VCR3
Sharp       VC6800       .VCR52         Sony       .VCR1         SL7200,A       .VCR1         SL8200       .VCR7         SL8600       .VCR10         Stylvania       .VCR30         VC2700       .VCR30         VC2210       .VCR67         VS310C       .VCR66         V5310C       .VCR32         V5310T       .VCR32         V5420C,T,U       .VCR59         Zenith       .VCR3         JR9000P,W       .VCR3         KR9000W       .VCR12
Sharp       VC6800       .VCR52         Sony       .VCR1         SL7200,A       .VCR7         SL8200       .VCR10         SL5800       .VCR62         Sylvania       .VC2700         VC3000       .VCR36         VC210       .VCR67         VS3110       .VCR66         V5310C       .VCR32         V5310T       .VCR32         V5420C,T,U       .VCR59         Zenith       .JR9000P,W       .VCR12         VR9700J       .VCR42
Sharp       VC6800       .VCR52         Sony       .VCR1         SL7200,A       .VCR1         SL8200       .VCR7         SL8600       .VCR10         Stylvania       .VCR30         VC2700       .VCR30         VC2210       .VCR67         VS310C       .VCR66         V5310C       .VCR32         V5310T       .VCR32         V5420C,T,U       .VCR59         Zenith       .VCR3         JR9000P,W       .VCR3         KR9000W       .VCR12

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## INDEX

AC Extension Cords
Audio       10, 11         Camera to VCR       142, 143         Kits       13         Light Stand       117         Microphone Gooseneck       127         Multi-pin       29         Video       2, 3         Alkaline Batteries       50         Asbestos Work Gloves       119         AUDIO
Adapters         10, 11           Adapter Kit         13           Cable Assemblies         18, 19           Cable, Bulk         24           Cable Tester         27           Cassettes         102           Connectors         12           Distribution Amplifier         132           Earphone         136           Headsets         134           Interface Components         130-133           Intercom Systems         134-136           Lapel Horn         136           Microphones         123-125           Mixers         128           Sine Wave Generator         132           Snakes         128           Test Equipment         132, 153
Background Materials         87           Background Supports         90, 91           Backpack - VCR         56, 59           Balancing Transformers         130           Baluns         31           Band Separators         32           BATTERIES         46-53, 143           Alkaline         50           Belts         46-48           Car Battery Cord         53           DC Power Supply         53           Hi Pacs         50           Kit for Camera to VCR Adapters         143           On-Board         49, 50           PAG Pacs         49           POwer Inverter         53           Replacement         49, 50           Speed Charger         47           Beta Videocassettes         102           BILORA TRIPODS         61-64           BOOKS         157-161           Technical Video Guides         160           VCR Service Manuals         161           Video Guides         157
Video Guides 157 Boom Stand - Lighting 117 Boom Stand - Microphone 127 Breakaway Bottles and Glasses 94 Break-Out Boxes 28, 29 Bulbs - Lighting Replacement 122 CABLE
Accessories 25-27 Audio - Assemblies 18, 19 Audio - Bulk 24 Belden 8281 22 Cable TV Accessories 34, 35 Camera Extension 20-21 Converter 35 Coax Video Assemblies 16-17 Coax Video - Bulk 22 Custom 17 Hook-up Wire Kit 24 Markers 27 Microphone - Assemblies 19 Microphone - Bulk 24 Molding Duct 26 Multi-Conductor Video - Bulk 23

Multi-Pin Assemblies	20, 2
Multi-Pin Assemblies Organizer RF Signal Distribution Stripper Testers Ties and Mounts	2
RF Signal Distribution	16, 1
Testers	
Ties and Mounts	2
tie tensioning tools	2
CAMERA ACCESSORIES	
Bilora Tripod	61-6
Break-Out Boxes Camera Bag Camera Light	28, 2
Camera Light	
Camera Raincoat	5
Camera Stand	6
Camera Light Camera Raincoat Camera Stand Camera to VCR Adapters Extension Cables Headsets Lens Accessories Lenses Light Bracket Light Meters Managed	. 142, 14
Headests	13
Lens Accessories	13
Lenses	. 137, 13
Light Bracket	11
Monopod	11
Monopod Positioning Equipment Shoulder Pods	60-6
Shoulder Pods	6
Tripods	61, 6
CAMEDA DOSITIONING FOUIDMENT	60 6
Accessories	60-0
Tripods Tubes CAMERA POSITIONING EQUIPMENT Accessories Bilora Tripods Company Control	61-64
Camera Stand Dollies Fluid-Effect Heads Fluid Head Mobile Video Carts Monopod Portable Video Carts Shoulder Pods	6
Fluid-Effect Heads	64, 6
Fluid Head	6
Mobile Video Carts	6
Monopod	6
Shoulder Pode	6
Tripods	61-6
Shoulder Pods Tripods Camera Shot List CAMERA TUBES CAMERA TO VCR ADAPTERS Capkeeper II	100
CAMERA TUBES	140
CAMERA TO VCR ADAPTERS	.142, 143
Capkeeper II	
Car Datton, Card	138
Cal Ballely Colu	
CARTS AND STANDS Camera/VCR Stand Custom Consoles Dubbing Centers Editing Consoles Genie Lift Hand Trucks Light Stands Microphone Boom Stand Microphone Floor Stands Microphone Floor Stands	
Carrying Cases - Equipment CARTS AND STANDS Camera/VCR Stand Custom Consoles Dubbing Centers 7 Editing Consoles Genie Lift Hand Trucks Light Stands Microphone Boom Stand Microphone Boom Stand Microphone Floor Stands Microphone Floor Stands Mobile Video Carts Mobile Video Carts Mobile Video Carts	
Carrying Cases - Equipment CARTS AND STANDS Camera/VCR Stand Custom Consoles Dubbing Centers 7 Editing Consoles Genie Lift Hand Trucks Light Stands Microphone Boom Stand Microphone Boom Stand Microphone Floor Stands Microphone Floor Stands Mobile Video Carts Mobile Video Carts Mobile Video Carts	
Carrying Cases - Equipment CARTS AND STANDS Camera/VCR Stand Custom Consoles Dubbing Centers 7 Editing Consoles Genie Lift Hand Trucks Light Stands Microphone Boom Stand Microphone Boom Stand Microphone Floor Stands Microphone Floor Stands Mobile Video Carts Mobile Video Carts Mobile Video Carts	
Carrying Cases - Equipment CARTS AND STANDS Camera/VCR Stand Custom Consoles Dubbing Centers 7 Editing Consoles Genie Lift Hand Trucks Light Stands Microphone Boom Stand Microphone Boom Stand Microphone Floor Stands Microphone Floor Stands Mobile Video Carts Mobile Video Carts Monitor Stand Portable Video Carts Table Carts Unicol	
CARTS AND STANDS Camera/VCR Stand Custom Consoles Dubbing Centers 7 Editing Consoles Genie Lift Hand Trucks Light Stands Microphone Boom Stand Microphone Desk Stands Microphone Floor Stands Mobile Video Carts Mobile Video Centers Monitor Stand Portable Video Carts Table Carts Unicol	
CARTS AND STANDS Camera/VCR Stand Custom Consoles Dubbing Centers 7 Editing Consoles Genie Lift Hand Trucks Light Stands Microphone Boom Stand Microphone Desk Stands Microphone Floor Stands Mobile Video Carts Mobile Video Centers Monitor Stand Portable Video Carts Table Carts Unicol	
CARTS AND STANDS Camera/VCR Stand Custom Consoles Dubbing Centers 7 Editing Consoles Genie Lift Hand Trucks Light Stands Microphone Boom Stand Microphone Desk Stands Microphone Floor Stands Mobile Video Carts Mobile Video Centers Monitor Stand Portable Video Carts Table Carts Unicol	
Carrying Cases - Equipment CARTS AND STANDS Camera/VCR Stand Custom Consoles Dubbing Centers 7 Editing Consoles Genie Lift Hand Trucks Light Stands Microphone Boom Stand Microphone Boom Stands Microphone Floor Stands Mobile Video Carts Mobile Video Centers Monitor Stand Portable Video Carts Table Carts Unicol CASES Accessories Backpack Frame/Recorder Case Camera Bag Carrying Cases	
Carrying Cases - Equipment CARTS AND STANDS Camera/VCR Stand Custom Consoles Dubbing Centers 7 Editing Consoles Genie Lift Hand Trucks Light Stands Microphone Boom Stand Microphone Boom Stands Microphone Floor Stands Mobile Video Carts Mobile Video Carts Mobile Video Carts Monitor Stand Portable Video Carts Table Carts Table Carts Unicol CASES Accessories Backpack Frame/Recorder Case Camera Bag Carrying Cases Porta-Pattern Carrying Case	
Carrying Cases - Equipment CARTS AND STANDS Camera/VCR Stand Custom Consoles Dubbing Centers 7 Editing Consoles Genie Lift Hand Trucks Light Stands Microphone Boom Stand Microphone Boom Stands Microphone Floor Stands Mobile Video Carts Mobile Video Carts Mobile Video Carts Monitor Stand Portable Video Carts Table Carts Table Carts Unicol CASES Accessories Backpack Frame/Recorder Case Camera Bag Carrying Cases Porta-Pattern Carrying Case	
Carrying Cases - Equipment CARTS AND STANDS Camera/VCR Stand Custom Consoles Dubbing Centers 7 Editing Consoles Genie Lift Hand Trucks Light Stands Microphone Boom Stand Microphone Boom Stands Microphone Floor Stands Microphone Floor Stands Mobile Video Carts Mobile Video Carts Monitor Stand Portable Video Carts Table Carts Unicol CASES Accessories Backpack Frame/Recorder Case Camera Bag Carrying Cases Porta-Pattern Carrying Case Rack-Mount Cases Shipping Cases	
Carrying Cases - Equipment CARTS AND STANDS Camera/VCR Stand Custom Consoles Dubbing Centers 7 Editing Consoles Genie Lift Hand Trucks Light Stands Microphone Boom Stand Microphone Boom Stands Microphone Floor Stands Microphone Floor Stands Mobile Video Carts Mobile Video Carts Monitor Stand Portable Video Carts Table Carts Unicol CASES Accessories Backpack Frame/Recorder Case Camera Bag Carrying Cases Porta-Pattern Carrying Case Rack-Mount Cases Shipping Cases	
Carrying Cases - Equipment CARTS AND STANDS Camera/VCR Stand Custom Consoles Dubbing Centers 7 Editing Consoles Genie Lift Hand Trucks Light Stands Microphone Boom Stand Microphone Boom Stands Microphone Floor Stands Mobile Video Carts Mobile Video Carts Mobile Video Carts Table Carts Unicol CASES Accessories Backpack Frame/Recorder Case Camera Bag Carrying Cases Porta-Pattern Carrying Case Rack-Mount Cases Shipping Cases Tripod Cases VCR Cases Videocassette Storage Shipping	
Carrying Cases - Equipment CARTS AND STANDS Camera/VCR Stand Custom Consoles Dubbing Centers 7 Editing Consoles Genie Lift Hand Trucks Light Stands Microphone Boom Stand Microphone Ploor Stands Microphone Floor Stands Mobile Video Carts Mobile Video Carts Mobile Carts Unicol CASES Accessories Backpack Frame/Recorder Case Camera Bag Carrying Cases Pripod Cases Shipping Cases VCR Cases Videocassette Storage Shipping and Carrying Cases Videocassette Storage Shipping Cares Carrying Cases Videocassette Storage Shipping and Carrying Cases	55-55 .67-86 .84, 81 .83, 82, 83 .70, 7 .11: .12: .12: .12: .12: .12: .12: .12: .12: .12: .12: .12: .12: .13: .14: .15
Carrying Cases - Equipment CARTS AND STANDS Camera/VCR Stand Custom Consoles Dubbing Centers 7 Editing Consoles Genie Lift Hand Trucks Light Stands Microphone Boom Stand Microphone Desk Stands Microphone Floor Stands Mobile Video Carts Mobile Video Carts Mobile Video Carts Table Carts Unicol CASES Accessories Backpack Frame/Recorder Case Camera Bag Carrying Cases Porta-Pattern Carrying Case Rack-Mount Cases Shipping Cases Tripod Cases VCR Cases Videoccassette Storage Shipping and Carrying Cases Circuit Teater	
Carrying Cases - Equipment CARTS AND STANDS Camera/VCR Stand Custom Consoles Dubbing Centers 7 Editing Consoles Genie Lift Hand Trucks Light Stands Microphone Boom Stand Microphone Desk Stands Microphone Floor Stands Mobile Video Carts Mobile Video Carts Mobile Video Carts Table Carts Unicol CASES Accessories Backpack Frame/Recorder Case Camera Bag Carrying Cases Porta-Pattern Carrying Case Rack-Mount Cases Shipping Cases Tripod Cases VCR Cases Videoccassette Storage Shipping and Carrying Cases Circuit Teater	
Carrying Cases - Equipment CARTS AND STANDS Camera/VCR Stand Custom Consoles Dubbing Centers 7 Editing Consoles Genie Lift Hand Trucks Light Stands Microphone Boom Stand Microphone Desk Stands Microphone Floor Stands Mobile Video Carts Mobile Video Carts Mobile Video Carts Table Carts Unicol CASES Accessories Backpack Frame/Recorder Case Camera Bag Carrying Cases Porta-Pattern Carrying Case Rack-Mount Cases Shipping Cases Tripod Cases VCR Cases Videoccassette Storage Shipping and Carrying Cases Circuit Teater	
Carrying Cases - Equipment CARTS AND STANDS Camera/VCR Stand Custom Consoles Dubbing Centers 7 Editing Consoles Genie Lift Hand Trucks Light Stands Microphone Boom Stand Microphone Desk Stands Microphone Floor Stands Mobile Video Carts Mobile Video Carts Mobile Video Carts Table Carts Unicol CASES Accessories Backpack Frame/Recorder Case Camera Bag Carrying Cases Porta-Pattern Carrying Case Rack-Mount Cases Shipping Cases Tripod Cases VCR Cases Videoccassette Storage Shipping and Carrying Cases Circuit Teater	
Carrying Cases - Equipment CARTS AND STANDS Camera/VCR Stand Custom Consoles Dubbing Centers 7 Editing Consoles Genie Lift Hand Trucks Light Stands Microphone Boom Stand Microphone Desk Stands Microphone Floor Stands Mobile Video Carts Mobile Video Carts Mobile Video Carts Table Carts Unicol CASES Accessories Backpack Frame/Recorder Case Camera Bag Carrying Cases Porta-Pattern Carrying Case Rack-Mount Cases Shipping Cases Tripod Cases VCR Cases Videocassette Storage Shipping and Carrying Cases Circuit Tester Clamps Cleaning Sprays CLOCKS AND TIMERS Digital Clocks Digital Timers	55-55-55-55-55-55-55-55-55-55-55-55-55-
Carrying Cases - Equipment CARTS AND STANDS Camera/VCR Stand Custom Consoles Dubbing Centers 7 Editing Consoles Genie Lift Hand Trucks Light Stands Microphone Boom Stand Microphone Ploor Stands Microphone Floor Stands Mobile Video Carts Mobile Video Carts Mobile Carts Unicol CASES Accessories Backpack Frame/Recorder Case Camera Bag Carrying Cases Pripod Cases Shipping Cases VCR Cases Videocassette Storage Shipping and Carrying Cases Videocassette Storage Shipping Cares Carrying Cases Videocassette Storage Shipping and Carrying Cases	55-55-55-55-55-55-55-55-55-55-55-55-55-

COAX	
Cable - Assemblies Cable - Bulk Cable Strippers Connectors Crimp Connector Kits Flexible RG-59/U Precision - Belden 8281	22 15, 37 4, 5, 15 14 22
Color Analyzer Color Bar Generator CONNECTORS	150
Audio Camera Coaxial Crimp	7, 8 4, 5
DC Power DIN EIAJ Multi-Pin Fast-Fit (Emergency)	8, 9 6, 7
Microphone	12
Remote Control Video Cotton Swabs Couplers/Splitters	4-9, 15
CRIMP Connectors	4, 5, 15
Tools	
Daylight Correction Materials DC Power Supply	120
Digital Clocks Din Connectors DISTRIBUTION AMPLIFIERS	8, 9
Audio RF Video	35
Dollies	.64, 66
Dubbing Editing Kits	30
Dubbing Editing Kits Dulling Spray Dust Covers(VCR) Dust-Off	156
Earphone	136
Edit Work Sheet Editing Consoles EIAJ Multi-Pin Cable Assemblies	.73, 81
EIAJ Multi-Pin Connectors	6, 7
Fast-Fit Connectors	
Fish Pole - Microphone	127
Fixed Focal Length Lenses	64
Fluid Head	65
Footcandle Meters	118
Frequency CountersFURNITURE	
Carts and Tables	75
Dubbing Consoles 73	82 83
Editing Consoles	73, 81
Mobile Video Centers Monitor Stands	/b. //
Production Consoles Racks - Accessories	78-80
Racks - 19 Inch Trolley Systems	. 78. 79
Unicol	72-74
Video Monitor Stand Video Recorder Consoles	83
Videocassette Storage Systems	107
Gaffers Grip	

### INDEX

Gaffers Kit         93           Gaffers Tape         93, 119           Genie Lifts         .70, 71           GRAPHICS         96, 141           Copy Stand         96           Title Letter Sets         96           Video Scribe         141
Hand Trucks 69 Hardware Kit 37 Head Cleaning Cassettes 44, 104 Head Cleaning Fluid 43 Head Cleaning Tools 43 Head Demagnetiser 45 Headsets 134 Hook-Up Wire Kit 24 Hour Meter 155
Inline Transformers       130         INTERCOMS       134-136         Headsets       134         Portable System       135         Studio System       134         Wireless       136         Inspection Mirrors       45
KITS         Adapter - Audio         13           Adapter - Video         13           Attache Tool Set         39           Cable Marker         27           Connector - Audio and Video         13           Connector - Crimp Video         14, 15           Creative Color         121           Daylight Correction         120           Dubbing - Editing         30           Fuse         37           Gaffers         93           Hardware         37           Hook-up Wire         24           Interconnect         30           Label Off         97           Lense Care         139           Light Diffusion         121           Lighting         113, 115           Paglight         111           Rosco Pak         121           Featherflex Reflector         121           Service Master Tool         38           Tool         38           Tool         38           Video Head Cleaning         43           Video Splicing/Editing         105
Label Off Kit         97           LABELS AND CARDS         97           Cassette Insert Cards         97           Cassette Labels         97           Monitor Labels         98           Pressure Sensitive Labels         98           99         98
Usage Labels
Light Meters         118           Light Stand Adapters         118           Light Stands         117           LIGHTING         110-116           Accessories         118-122           Battery Operated         110, 111           Bulbs         122           Camera Light         116           Comprehensive Video Lights         114-116

Correction Materials120, 12	1
Flood Lights 112 11	A
Kits	5
Paglights	1
Kits 113, 11 Paglights 110, 11 Quartz Beam Lighting 112, 11 Softlights 11	3
Sortiignts11	5
Stands         11           Variable Focus         112           Work Lights         12           IGHTING ACCESSORIES         118-12           Asbestos Work Gloves         11	4
Work Lights	2
LIGHTING ACCESSORIES	2
Asbestos Work Gloves11	9
DUIDS	۷
Camera Light Brackets	8
Dulling Spray 11	Q
Gaffers Grip	ğ
Gaffers Tape	9
Light Diffusion Kit	1
Light Meters - Footcandle	8
Roscolus Pak - Creative Color Kit 12	9
Rosco Pak - Featherflex Reflector Kit	i
Tungsten Correction Rosco Pak	0
Work Lights	2
Line Antenuator	3
ine Level Splitter13	3
int-Free Wipes4	5
ock - Equipment8	6
MAINTENANCE	
MAINTENANCE Cleaning Sprays4	Б
Cotton Swabs 4	
Dust-Off	4
Fnam Swahs A	2
Head Cleaning Cassettes	4
Head Cleaning Demagnetizer 4	5
Head Cleaning Fluid	3
Inspection Mirrors	5
Kits 43. 4	4
VCR Dust Covers	6
Video Recorder43, 4	4
Head Cleaning Tools         4           Inspection Mirrors         4           Kits         43,4           VCR Dust Covers         15           Video Recorder         43,4           Wipes         43,4           Matching Transformers         3           Maxell Videotape         10           Mic Antenuator         13           Mic Combiner         13	5
Matching Iransformers3	1
Maxell Videotape	2
Aic Combiner 12	3
Mic Line Driver         13           Mic Splitter         130, 13           MICROPHONE ACCESSORIES         126-12	4
AICDODUONE ACCESCODIES 126 121	0
Antenuator	3
Audio Snakes 12	R
Balancing Transformer	Õ
Balancing Transformer	7
Cables	8
Cable Hanger 12 Combiners 13	1
Desk Stands	ĥ
Fish Pole	7
Flexible Gooseneck 12 Floor Stands 12	7
Floor Stands	
Inline Transformer	р
Mic Line Driver	0
IVIIAGISIZ	2
Splitters 130, 13	0 2 9
Splitters	0 2 9
Splitters	029183
Splitters	0291834333
Splitters	02918343335
Splitters	0291834333589
Splitters	02918343335897
Splitters	029183433358977
Splitters	029183433358977
Splitters	0291834333589771
Splitters	0291834333589771

ConnectorsLabels	
Set-Up Tape Shipping Cases	10
VCR Cable	2
MULTI-PIN	
Adapters Cable - Assemblies	2
Cable - Bulk	.2
Connectors	
Ni-Cad Batteries46-	
Omni-Directional Mic	2
"On Air" Light	5
Oscilloscopes	
Pag Power Products 46-	5
Pagbelts	4
Pag Pacs	4
Pag Pacs Passive Video Switchers	5
Portable Belt Clip Receiver	2
AC Power Accessories	55
Adapter Plug	555
Alkaline Batteries	
Car Battery Cord	5
DC Power Accessories	5
DC Power Supply	5
Hi Pacs	.5
Car Battery Cord Circuit Tester Comprehensive Power Belts DC Power Accessories DC Power Accessories DC Power Supply Electric Cord Duct Hi Pacs Inverters Line Isolation Power Strip On-Board Batteries Page	5
Pag Pacs	4-5
Pag Pacs PAG Power 46 Power Line Monitor Power Strips	.5
PRODUCTION SUPPLIES 94-	.g
Consoles	-8
Graphics Music Library Sound Effects Library	. 9
Ston Watches	· u
Title Letter Sets	9
Title Letter Sets Video Scribe Pulse Cross/Wave Form Monitoring Display	1
Quartz Beam Lighting	
Quartz Bulbs1	
Reel to Reel Videotape - 1"	
Reel to Reel Videotane - 1/2"	
Reel to Reel Videotape - 1"	0:0:12
Reflection Kit	012
Reflection Kit	000123333
Reflection Kit RF Distribution Amplifiers RF SIGNAL DISTRIBUTION 31- Amplifiers Band Separators Cables 16 Cable TV Converter Couplers/Splitters Distribution Amplifier Matching Transformers RF Modulator Selector Switches	000123333
Reflection Kit         1           RF Distribution Amplifiers         31-           RF SIGNAL DISTRIBUTION         31-           Amplifiers         8           Band Separators         16           Cables         16           Cable TV Converter         0           Couplers/Splitters         0           Distribution Amplifier         Matching Transformers           RF Modulator         Selector Switches           RACK-MOUINT         8	001233333333333333333333333333333333333
Reflection Kit RF Distribution Amplifiers RF SIGNAL DISTRIBUTION 31- Amplifiers Band Separators Cables 16 Cable TV Converter Couplers/Splitters Distribution Amplifier Matching Transformers RF Modulator Selector Switches	001233333333333333333333333333333333333



### INDEX

Table To-	70
Table-Top	79
Verticle Rack	78
Rolling Studio Ladder	92
Rolling Studio Ladder	.120, 121
0	00 00
Scenery	88, 89
Scotch Videotape	102
Seamless Background Paper	87
Seamless Background Paper Service Manuals - VCR	161
Service Macter Tool Kit	38
Set-IIn Tane - Monitor/Peceiver	103
Set-Up Tape - Monitor/Receiver Shipping Cases - Equipment Shipping Cases - Videocassette Shoulder Bag - VCR Shoulder Pods Signal Selector Switches	E4 EE
Chinning Cases - Equipment	54, 55
Snipping Cases - Videocassette	109
Shoulder Bag - VCR	56, 59
Shoulder Pods	60
SLR to "C" Mount Lens Adapters .	139
Snakes - Audio	128
SOLDER AIDS	41
Iso-Tip Cordless Kit	41
Convine Master Vit	20
Service Master Kit	30
Solder	41
Coldoring Irono Tino	41
Soldering Irons Tips Sound Effects Library	05
Sound Effects Library	95
Speed Charger	47
Spring Hook	38
Staple Gun	26
STANDS	
Camera	66
Carts Light Microphone	75
Light	116, 117
Microphone	. 126, 127
Unicol	72-74
Stop Watches	94
Storage Bins	36
Storage Bins	36
Storage Cabinets (Parts)	36
Storage Chest - Videocassettes	107
Storage Chest - Videocassettes Storyboard Pads	100
Ctudio Audio Mivor	100
Studio Audio Mixer	129
Studio Audio Mixer STUDIO SUPPLIES Audio Mixers Background Materials Background Supports Breakaway Bottles & Glasses Clamps Cycscreen Equipment Trouble Report Form Electronic Stonwatches	87-93
Audio Mixers	129
Background Materials	8/
Background Cupports	00 01
Programmy Pottles & Classes	90, 91
Clamps	90 91
Cycecreen	97
Equipment Trouble Report Form	101
Electronic Stopwatches Engraved Warning Plate Flooring	94
Engraved Warning Plate	92
Flooring	89
Gaffers Tane	93
Intercom Systems	134-136
Gaffers Tape Intercom Systems Ladders Lighting Microphones Microphone Stands	92
Lighting	112-122
Microphones	123-125
Microphone Stands	126, 127
Model helease forms	
Monitor Labels	92
Monitor Labels	93
Production Consoles	78-80
Projection Screen	87
Scenery Flats Scenic Background Panels	89
Scenic Background Panels	88
Seamless Background Paper	88
Seamless Background Paper Timers Universal - Pole System	155
Video Cariba	90
Video Scribe	145
Cuitches DE	145
Switches - RF	
TEST EQUIPMENT	149-154
TEST EQUIPMENT	132
Audio Test Instruments	132. 153
Color Analyzer	154
Color Analyzer	149
Oscilloscopes	152, 153
Oscilloscopes Philips Test Equipment Pulse Cross Display	154
Dulas Crass Display	144
Pulse cross display	144

Test Charts	146-	141
Test Charts	. 140-	15
Test Meters149,	151,	15
Test Slides	.146-	14
Tweaker	454	14
Video Signal Instruments	151,	15
Video Test Instruments		15
Wave Form Monitors	151	15
Wave Form Sampler		14
TEST PATTERN CHARTS AND SLIDES		
Test Slides Tweaker Vector Scopes Video Signal Instruments Video Test Instruments Wave Form Monitors Wave Form Sampler TEST PATTERN CHARTS AND SLIDES Carrying Cases	146-1	48
Carrying Cases Chart Systems Porta-Pattern Slide Systems		14
Chart Systems	146,	14
Porta-Pattern	140,	14
Test Pattern Generator	. 140,	15
Tie-Clip Mics		12
Title Letter Sets		a
TOOLS	36.	4
Апасле Кіт		- 3
Case		41
Crimp Head Cleaning		1
Head Cleaning	43,	4
KIS Miniature Service Master Spring Hook Soldering Irons Vises TRANSFORMERS		3
Spring Hook		.3
Soldering Irons	38,	4
Vises		.4
TRANSFORMERS		
Balancing - Audio Inline - Audio Matching - RF Power		13
Matching DE		13
Power		5
IRIPODS	67-	h:
Accessories		6
Bilora Tripods	61	-6
Accessories Bilora Tripods Dollies Fluid-Effect Heads	64,	6
Fluid Head		6
Spring Head		6
Spring Head		.6
Spring Head		.6
Tungsten Correction Materials		12
Spring Head Tungsten Correction Materials Tweaker UNICOL	 5. 72-	.6: 12: 14: -7:
Spring Head Tungsten Correction Materials Tweaker UNICOL Universal Pole System	5, 72-	.6: 12: 14: 74: 90
Spring Head Tungsten Correction Materials Tweaker UNICOL Universal Pole System Universal Stereo Mixer	5, 72-	.6: 12: 14: -7: .9(
Spring Head Tungsten Correction Materials Tweaker UNICOL Universal Pole System Universal Stereo Mixer Uni-Directional Mic	5, 72-	.6: 12: 14: -7: 90: 12:
Spring Head Tungsten Correction Materials Tweaker UNICOL	5, 72-	.65 12 144 -74 .90 125 102
Spring Head Tungsten Correction Materials Tweaker UNICOL	5, 72-	.6: 12: 14: -7: .9( 12: 10: 13:
Spring Head Tungsten Correction Materials Tweaker UNICOL	5, 72-	.6: 12: 14: -7: .9( 12: 10: 13:
Spring Head Tungsten Correction Materials Tweaker UNICOL	5, 72-	.6: 12: 14: -7: .9( 12: 10: 13:
Spring Head Tungsten Correction Materials Tweaker UNICOL	5, 72-	.6: 12: 14: -7: .9( 12: 10: 13:
Spring Head Tungsten Correction Materials Tweaker UNICOL	5, 72-	.6: 12: 14: -7: .9( 12: 10: 13:
Spring Head Tungsten Correction Materials Tweaker UNICOL	5, 72-	.6: 12: 14: -7: .9( 12: 10: 13:
Spring Head Tungsten Correction Materials Tweaker UNICOL	5, 72-	.6: 12: 14: -7: .9( 12: 10: 13:
Spring Head Tungsten Correction Materials Tweaker UNICOL	5, 72-	.6: 12: 14: -7: .9( 12: 10: 13:
Spring Head Tungsten Correction Materials Tweaker UNICOL	56, 72- 56, 28, 5, 17, 142, 56 4-77, 126,	.66 12 14 -74 .90 129 120 130 131 131 131 131 131 131 131 131 13
Spring Head Tungsten Correction Materials Tweaker UNICOL	56, 72- 56, 28, 5, 17, 142, 56 4-77, 126,	.66 12 14 -74 .90 129 120 130 131 131 131 131 131 131 131 131 13
Spring Head Tungsten Correction Materials Tweaker UNICOL	56, 72- 56, 28, 5, 17, 142, 56 4-77, 126,	.66 12 14 -74 .90 129 120 130 131 131 131 131 131 131 131 131 13
Spring Head Tungsten Correction Materials Tweaker UNICOL	56, 72- 56, 28, 5, 17, 142, 56 4-77, 126,	.66 12 14 -74 .90 129 120 130 131 131 131 131 131 131 131 131 13
Spring Head Tungsten Correction Materials Tweaker  UNICOL Universal Pole System Universal Stereo Mixer Uni-Directional Mic U-Matic Videocassettes  Varipod VCR ACCESSORIES Backpack/Shoulder Bag Break-out Boxes Cables Camera To VCR Adapters Carrying Cases Carts and Stands Carts and Stands Connectors Consoles Dubbing Centers Dust Covers Editing Consoles Head Cleaner		.68 12 14 -74 .9( 123 103 133 158 86 158 88 158
Spring Head Tungsten Correction Materials Tweaker  UNICOL Universal Pole System Universal Stereo Mixer Uni-Directional Mic U-Matic Videocassettes  Varipod VCR ACCESSORIES Backpack/Shoulder Bag Break-out Boxes Cables Camera To VCR Adapters Carrying Cases Carts and Stands Carrying Cases Carts and Stands Connectors Consoles Dubbing Centers Dust Covers Editing Consoles Head Cleaning Cassettes Head Cleaning Cassettes Head Cleaning Tools	56, 72- 56, 28, 28, 17, 142, 56 1-77, 126, 4, 9, 3, 82, 73,	.66 12 14 -74 .90 12 12 12 13 13 15 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Spring Head Tungsten Correction Materials Tweaker  UNICOL Universal Pole System Universal Stereo Mixer Uni-Directional Mic U-Matic Videocassettes  Varipod VCR ACCESSORIES Backpack/Shoulder Bag Break-out Boxes Cables Camera To VCR Adapters Carrying Cases Carts and Stands Carrying Cases Carts and Stands Connectors Consoles Dubbing Centers Dust Covers Editing Consoles Head Cleaning Cassettes Head Cleaning Cassettes Head Cleaning Tools	56, 72- 56, 28, 28, 17, 142, 56 1-77, 126, 4, 9, 3, 82, 73,	.66 12 14 -74 .90 12 12 12 13 13 15 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Spring Head Tungsten Correction Materials Tweaker  UNICOL Universal Pole System Universal Stereo Mixer Uni-Directional Mic U-Matic Videocassettes  Varipod VCR ACCESSORIES Backpack/Shoulder Bag Break-out Boxes Cables Camera To VCR Adapters Carrying Cases Carts and Stands Carrying Cases Carts and Stands Connectors Consoles Dubbing Centers Dust Covers Editing Consoles Head Cleaning Cassettes Head Cleaning Cassettes Head Cleaning Tools	56, 72- 56, 28, 28, 17, 142, 56 1-77, 126, 4, 9, 3, 82, 73,	.66 12 14 -74 .90 12 12 12 13 13 15 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Spring Head Tungsten Correction Materials Tweaker  UNICOL Universal Pole System Universal Stereo Mixer Uni-Directional Mic U-Matic Videocassettes  Varipod VCR ACCESSORIES Backpack/Shoulder Bag Break-out Boxes Cables Camera To VCR Adapters Carrying Cases Carts and Stands G7-71, 7 Connectors Consoles Dubbing Centers Dust Covers Editing Consoles Head Cleaning Cassettes Head Cleaning Cassettes Head Cleaning Tools Head Demagnetizer Lapel Horn - Portable Speaker	56, 72- 56, 28, 56, 17, 142, 56 14-77, 126, 4, 9, 3, 82, 73,	.66 12 14 -74 .90 12 12 10 13 15 15 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Spring Head Tungsten Correction Materials Tweaker  UNICOL Universal Pole System Universal Stereo Mixer Uni-Directional Mic U-Matic Videocassettes  Varipod VCR ACCESSORIES Backpack/Shoulder Bag Break-out Boxes Cables Camera To VCR Adapters Carrying Cases Carts and Stands G7-71, 7 Connectors Consoles Dubbing Centers Dust Covers Editing Consoles Head Cleaning Cassettes Head Cleaning Cassettes Head Cleaning Tools Head Demagnetizer Lapel Horn - Portable Speaker	56, 72- 56, 28, 56, 17, 142, 56 14-77, 126, 4, 9, 3, 82, 73,	.66 12 14 -74 .90 12 12 10 13 15 15 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Spring Head Tungsten Correction Materials Tweaker  UNICOL Universal Pole System Universal Stereo Mixer Uni-Directional Mic U-Matic Videocassettes  Varipod VCR ACCESSORIES Backpack/Shoulder Bag Break-out Boxes Cables Camera To VCR Adapters Carrying Cases Carts and Stands G7-71, 7 Connectors Consoles Dubbing Centers Dust Covers Editing Consoles Head Cleaning Cassettes Head Cleaning Cassettes Head Cleaning Tools Head Demagnetizer Lapel Horn - Portable Speaker	56, 72- 56, 28, 56, 17, 142, 56 14-77, 126, 4, 9, 3, 82, 73,	.66 12 14 -74 .90 12 12 10 13 15 15 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Spring Head Tungsten Correction Materials Tweaker  UNICOL Universal Pole System Universal Stereo Mixer Uni-Directional Mic U-Matic Videocassettes  Varipod VCR ACCESSORIES Backpack/Shoulder Bag Break-out Boxes Cables Cables Carying Cases Carrying Cases Carts and Stands Carts and Stands Dubbing Centers Dust Covers Editing Consoles Head Cleaning Cassettes Head Cleaning Tools Head Demagnetizer Lapel Horn - Portable Speaker Maintenance Mobile Video Cart On-Board Batteries Service Manuals	56, 72- 56, 28, 3, 17, 142, 56- 4-77, 126, 4, 9, 3, 82, 73, 44,	.66 12 14 -7 -9 12 12 13 15 16 16 16
Spring Head Tungsten Correction Materials Tweaker  UNICOL Universal Pole System Universal Stereo Mixer Uni-Directional Mic U-Matic Videocassettes  Varipod VCR ACCESSORIES Backpack/Shoulder Bag Break-out Boxes Cables Camera To VCR Adapters Carrying Cases Carts and Stands Carrying Cases Carts and Stands Connectors Consoles Dubbing Centers Dust Covers Editing Consoles Head Cleaning Cassettes Head Cleaning Cassettes Head Cleaning Cassettes Head Cleaning Consoles Head Demagnetizer Lapel Horn - Portable Speaker Maintenance Mobile Video Cart On-Board Batteries Service Manuals Shipping Casses	56, 72- 56, 28, 28, 51, 17, 142, 56, 28, 51, 142, 56, 44, 9, 3, 82, 73, 44, 43, 49,	.66 12 14 -7 .9 12 12 12 13 15 16 16 16 16 16 16 16
Spring Head Tungsten Correction Materials Tweaker  UNICOL Universal Pole System Universal Stereo Mixer Uni-Directional Mic U-Matic Videocassettes  Varipod VCR ACCESSORIES Backpack/Shoulder Bag Break-out Boxes Cables Camera To VCR Adapters Carrying Cases Carts and Stands Cars and Stands Consoles Dubbing Centers Dust Covers Editing Consoles Head Cleaning Tools Head Cleaning Tools Head Demagnetizer Lapel Horn - Portable Speaker Maintenance Mobile Video Cart On-Board Batteries Service Manuals Shipping Cases Vector Scopes	56, 72- 56, 28, 56, 17, 142, 56, 4, 9, 3, 82, 73, 44, 551, 14, 56, 49,	.65 12 14 -7 .9 12 12 13 13 15 16 16 15 16 15 16 15 16 16 16 16 16 16 16 16 16 16 16 16 16
Spring Head Tungsten Correction Materials Tweaker  UNICOL Universal Pole System Universal Stereo Mixer Uni-Directional Mic U-Matic Videocassettes  Varipod VCR ACCESSORIES Backpack/Shoulder Bag Break-out Boxes Cables Camera To VCR Adapters Carrying Cases Carts and Stands Carrying Cases Carts and Stands Consoles Dubbing Centers Dust Covers Editing Consoles Head Cleaning Tools Head Demagnetizer Lapel Horn - Portable Speaker Maintenance Mobile Video Cart On-Board Batteries Service Manuals Shipping Cases Vector Scopes Versa Ladder	56, 72- 56, 28, 3, 17, 142, 56 4-77, 126, 4, 9, 3, 82, 73, 44, 49,	.66 12 14 -74 .90 12 12 10 13 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16
Spring Head Tungsten Correction Materials Tweaker  UNICOL Universal Pole System Universal Stereo Mixer Uni-Directional Mic U-Matic Videocassettes  Varipod VCR ACCESSORIES Backpack/Shoulder Bag Break-out Boxes Cables Camera To VCR Adapters Carrying Cases Carts and Stands G7-71, 74 Connectors Connectors Connectors Consoles Dubbing Centers Dust Covers Editing Consoles Head Cleaning Cassettes Head Cleaning Tools Head Demagnetizer Lapel Horn - Portable Speaker Maintenance Mobile Video Cart On-Board Batteries Service Manuals Shipping Cases Vector Scopes Versa Ladder VHS Videocassettes VIDEO	56, 72- 56, 28, 51, 142- 64-77, 126, 4, 9, 3, 82, 73, 44, 43, 49,	.6:144 -7490 12:201 13:355 29:201 14:36 15:56 16
Spring Head Tungsten Correction Materials Tweaker  UNICOL Universal Pole System Universal Stereo Mixer Uni-Directional Mic U-Matic Videocassettes  Varipod VCR ACCESSORIES Backpack/Shoulder Bag Break-out Boxes Cables Camera To VCR Adapters Carrying Cases Carts and Stands Carrying Cases Carts and Stands Consoles Dubbing Centers Dust Covers Editing Consoles Head Cleaning Tools Head Cleaning Tools Head Demagnetizer Lapel Horn - Portable Speaker Maintenance Mobile Video Cart On-Board Batteries Service Manuals Shipping Cases Vector Scopes Versa Ladder VHS Videocassettes VIDEO Adanters	56, 72- 56, 28, 3, 17, 142, 56 4-77, 126, 4, 9, 3, 82, 73, 44, 49,	.6.6.12144 -749912912913133 -592213143 -593214444 -593214444 -67521444 -67521444 -67521444 -67521444 -67521444 -67521444 -67521444 -6752144 -675214 -6752
Spring Head Tungsten Correction Materials Tweaker  UNICOL Universal Pole System Universal Stereo Mixer Uni-Directional Mic U-Matic Videocassettes  Varipod VCR ACCESSORIES Backpack/Shoulder Bag Break-out Boxes Cables Camera To VCR Adapters Carrying Cases Carts and Stands G7-71, 74 Connectors Connectors Connectors Consoles Dubbing Centers Dust Covers Editing Consoles Head Cleaning Cassettes Head Cleaning Tools Head Demagnetizer Lapel Horn - Portable Speaker Maintenance Mobile Video Cart On-Board Batteries Service Manuals Shipping Cases Vector Scopes Versa Ladder VHS Videocassettes VIDEO	56, 72- 56, 28, 3, 17, 142, 56 4-77, 126, 4, 9, 82, 73, 44, 49,	.6:612144 144-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-

Cable Markers Cable Tester Coax Cable Assemblies Connectors 4, Connector Kits Fuse Kit Guides Hardware Kit Mulit-Pin Cable Assemblies	16, 8, 9, 13	27 17 15 15 37 15 37
Camera To VCR Adapters Distribution Amplifiers Passive Video Switchers Test Equipment Tweaker	142,	143 143 145 145 154
Video Scribe VIDEO ORGANIZERS Camera Shot Test Cassette Insert Cards Cassette Labels Edit Work Sheet Erase/Disposal Authorization Form Field Footage Log Labels and Cards Label-Off Kit Model Release Form Story Board Pads Usage Labels Videocassette Holders Videotape Duplication Request Form Videotape Inventory Card Videotape Status Labels VIDEO CORDES	97	97100
Videotane Status Laneis	98	
VIDEO SCHEE VIDEOTAPE VIDEOTAPE VIDEOTAPE ACCESSORIES Album Insert Cards Attache Case Bulk Tape Erasers Forms Head Cleaning Cassettes Monitor/Receiver Set-up Tape Professional Splicer Shipping Cases Splicing/Editing Kits Status Labels Storage Albums Storage Systems U-Matic Reload Kit Usage Labels Videocassette Labels	98,	102 102 103 103 103 103 103 103 103 103 103 103
VIDEO SCHEE VIDEOTAPE VIDEOTAPE VIDEOTAPE ACCESSORIES Album Insert Cards Attache Case Bulk Tape Erasers Forms Head Cleaning Cassettes Monitor/Receiver Set-up Tape Professional Splicer Shipping Cases Splicing/Editing Kits Status Labels Storage Albums Storage Albums U-Matic Reload Kit Usage Labels Videocassette Labels Vises	98,	102 103 103 103 104 103 105 105 105 105 105 105 105 105 105 105
VIDEO SCHEE VIDEOTAPE VIDEOTAPE VIDEOTAPE ACCESSORIES Album Insert Cards Attache Case Bulk Tape Erasers Forms Head Cleaning Cassettes Monitor/Receiver Set-up Tape Professional Splicer Shipping Cases Splicing/Editing Kits Status Labels Storage Albums Storage Systems U-Matic Reload Kit Usage Labels Videocassette Labels	98, 1107,	102 102 103 103 103 103 103 103 103 103 103 103

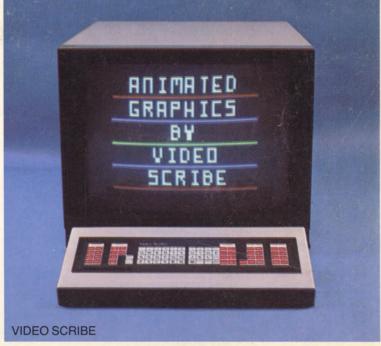
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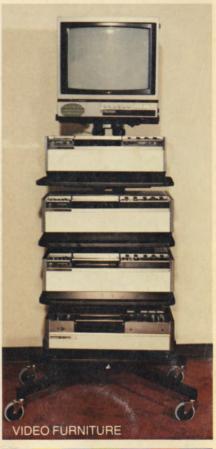




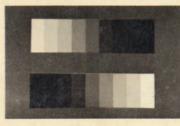














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